

LIGHTING SYSTEMS





There's BEAUTY in the details.

When it comes to bringing out the best in a home – it's all about the details. The finishes selected for cabinets and countertops. The tray ceiling added to the dining area. The woodworking that adorns a staircase.

Details abound – and with a Kichler Lighting System, you can enhance not only the style of these features but also the functionality of the overall space.

Every nook and task that requires illumination has a Kichler solution.

Under cabinets, around toe kicks, above artwork – we've created systems that work for every need and install intuitively. We also offer the finest in lighting technology: LED bulbs for superior operation, drivers that intelligently manage power output and diffused lenses that allow illumination without a spotlight effect. The light from our systems is not only beautiful, but the fixtures themselves are designed to blend into the background – providing the right amount of light without detracting from it.

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Kichler offers a variety of ways to fully ILLUMINATE your workspaces.

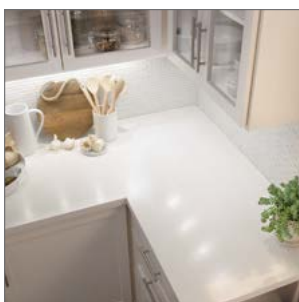
With Kichler under-cabinet systems, you get a beautiful and diffused lighting effect. Choose from three different fixture grades: our long-lasting 8U series for superior light output and no spotlight effect; our Design Pro Direct Wire LED for versatile installation in medium-sized applications; or our 4U for Kichler quality LED and Xenon options at a value. Need more choices? Our direct wire fluorescent fixtures combine the energy efficiency of fluorescent bulbs with the convenience of traditional incandescent fixtures.

8U SERIES - LED

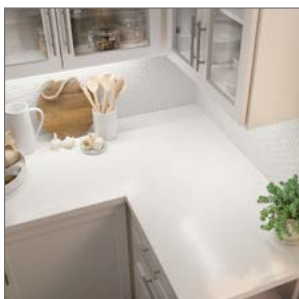
A PREMIUM approach to under-cabinet lighting.

Solid surface countertops shine beautifully all on their own; the last thing you want is the glare from lights reflecting back at you. With Kichler 8U technology, we've eliminated the pinpoints of light caused by traditional LEDs and created a diffused effect that's bright and strong – and fully dimmable. Each sleek and durable fixture is designed to easily tuck under cabinets blending in masterfully with the design. The end effect is superior light that enhances the beauty of your space while improving the usability of counter surfaces.

Traditional LED Reflection



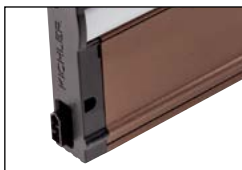
8U Series LED Reflection



The Kichler 8U Series LED creates a solid, smooth reflection. When compared to the spotted effect of a traditional fixture (shown above), the 8U brings out the true brilliance of high-end reflective surfaces.



AVAILABLE FINISHES



BZT Textured Bronze



NIT Textured Nickel



WHT Textured White



8U30K18
shown in **NIT Textured Nickel**

Select Appropriate Light Fixture, Color Temperature, Size and Finish

2700K – WARM WHITE

8U27KD07 BZT, NIT, WHT – 6.5"

- Direct wire only
- 6.5" L x 4.1" W x 1.1" H
 - 225 delivered lumens
 - 5 Watts

8U27KM07 BZT, NIT, WHT – 7"

- Modular/Linkable only
- 7" L x 4.1" W x 1.1" H
 - 225 delivered lumens
 - 5 Watts

8U27K12 BZT, NIT, WHT – 12.5"

- 12.5" L x 4.1" W x 1.1" H
- 475 delivered lumens
- 8 Watts

8U27K18 BZT, NIT, WHT – 18.5"

- 18.5" L x 4.1" W x 1.1" H
- 655 delivered lumens
- 12 Watts

8U27K30 BZT, NIT, WHT – 30.5"

- 30.5" L x 4.1" W x 1.1" H
- 1215 Lumens
- 20 Watts

3000K – PURE WHITE

8U30KD07 BZT, NIT, WHT – 6.5"

- Direct wire only
- 6.5" L x 4.1" W x 1.1" H
 - 270 delivered lumens
 - 5 Watts

8U30KM07 BZT, NIT, WHT – 7"

- Modular/Linkable only
- 7" L x 4.1" W x 1.1" H
 - 270 delivered lumens
 - 5 Watts

8U30K12 BZT, NIT, WHT – 12.5"

- 12.5" L x 4.1" W x 1.1" H
- 500 delivered lumens
- 8 Watts

8U30K18 BZT, NIT, WHT – 18.5"

- 18.5" L x 4.1" W x 1.1" H
- 750 delivered lumens
- 12 Watts

8U30K30 BZT, NIT, WHT – 30.5"

- 30.5" L x 4.1" W x 1.1" H
- 1380 delivered lumens
- 20 Watts

Under Cabinet Accessories (optional)

10571 BK, WH

- 9" Interconnect cable



10572 BK, WH

- 14" Interconnect cable



10573 BK, WH

- 21" Interconnect cable



10570 BK, WH

- Wire module
- 7.75" L x 2.625" W x 1" H



10588 SI

- Duplex BX cable connector



10589 SI (included with fixture)

- Connector for NM & BX cable



6UCORD BK, WH

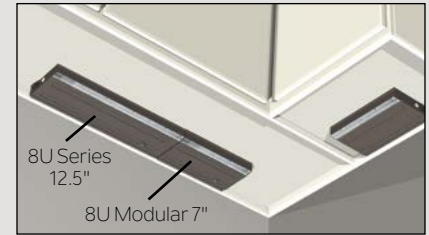
- 60" under-cabinet interconnect prong cord



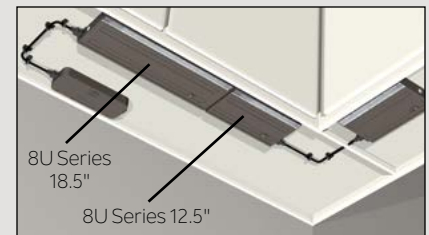
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BACK OF CABINET INSTALLATION – DIRECT WIRE CONNECT



FRONT MOUNT – USE WIRE MODULE AND INTERCONNECT CABLE



PRODUCT BENEFITS:

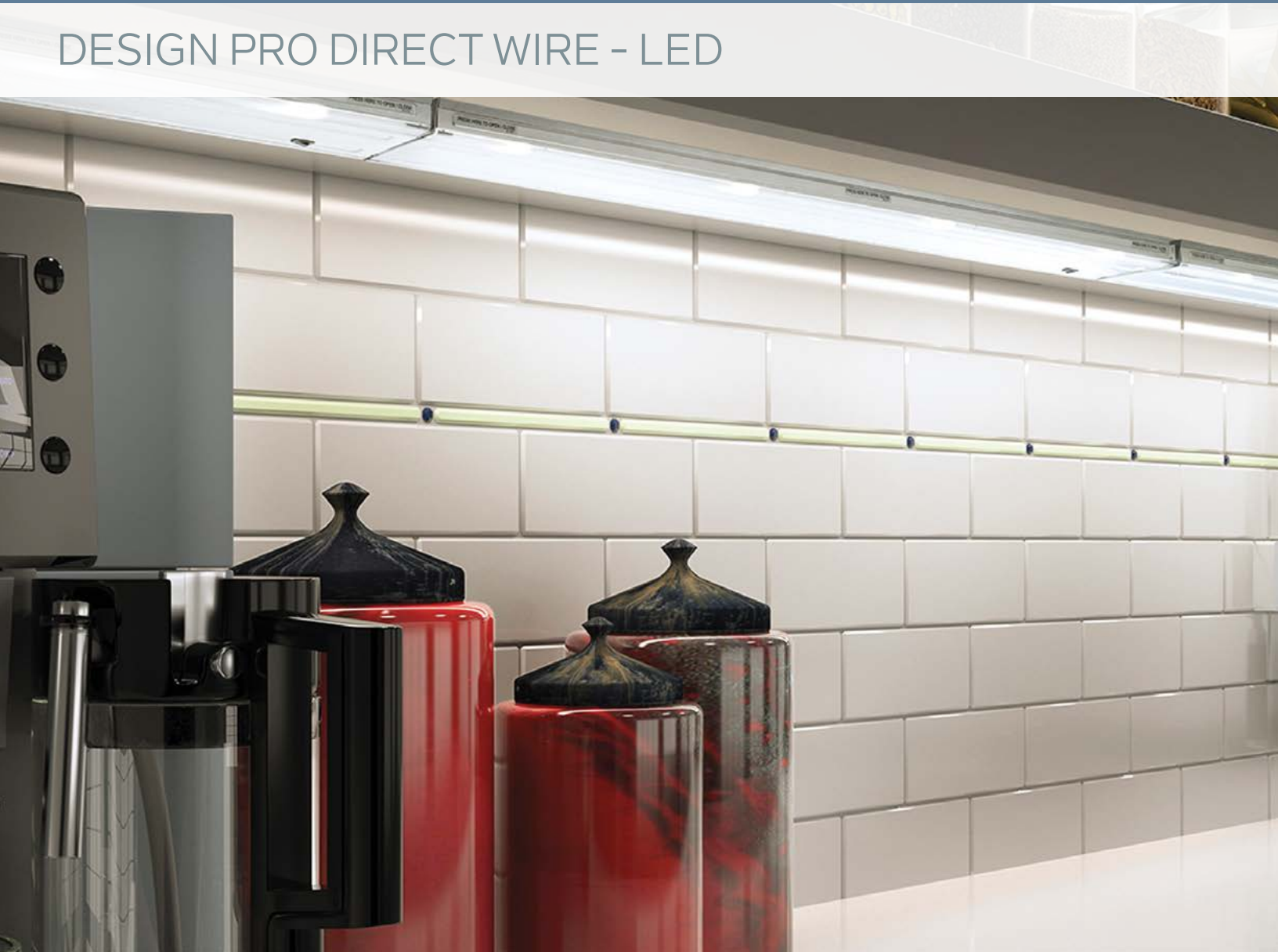
- Consistent, evenly-diffused solid beam of light
- Superior light output: the highest lumens we offer in an under-cabinet product
- 90 CRI keeps furnishings true-to-color
- Energy efficient, LED light source
- FCC and Title 24 compliant
- Aesthetically-pleasing design with durable powder coat finish
- Dimmable with standard wall dimmer – see page 15 for tips
- 7-year residential warranty

INSTALLATION BENEFITS:

- Ready to install with push-in wire connectors and cable connector
- Captive screws allow quick installation
- Direct wire and linkable
- 1-inch profile, 4-inch depth

For wall dimmer selection tips, see page 15.
For the full list, visit Kichler.com

DESIGN PRO DIRECT WIRE - LED



Kichler PERFORMANCE that's ideal for moderately sized kitchens.

These versatile direct wire units are inter-connectable, making them an ideal fit for large or small work areas, or even front or back cabinet installations.

AVAILABLE FINISHES



BZ Bronze



SS Stainless Steel



WH White



12066
shown in **SS** Stainless Steel

Select Appropriate Light Fixture, Color Temperature, Size and Finish

2700K – WARM WHITE

12064 BZ27, SS27, WH27 – 7"

- Direct wire only
- 7" L x 4" W x 1" H
 - 2.9 Watts

12065 BZ27, SS27, WH27 – 7"

- Linkable only
- 7" L x 4" W x 1" H
 - 2.9 Watts

12066 BZ27, SS27, WH27 – 12"

- 12" L x 4" W x 1" H
- 5 Watts

12067 BZ27, SS27, WH27 – 22"

- 22" L x 4" W x 1" H
- 6.7 Watts

12068 BZ27, SS27, WH27 – 30"

- 30" L x 4" W x 1" H
- 8.3 Watts

3000K – PURE WHITE

12064 BZ30, SS30, WH30 – 7"

- Direct wire only
- 7" L x 4" W x 1" H
 - 2.9 Watts

12065 BZ30, SS30, WH30 – 7"

- Linkable only
- 7" L x 4" W x 1" H
 - 2.9 Watts

12066 BZ30, SS30, WH30 – 12"

- 12" L x 4" W x 1" H
- 5 Watts

12067 BZ30, SS30, WH30 – 22"

- 22" L x 4" W x 1" H
- 6.7 Watts

12068 BZ30, SS30, WH30 – 30"

- 30" L x 4" W x 1" H
- 8.3 Watts

Under Cabinet Accessories (optional)

10571 BK, WH

- 9" Interconnect cable



10572 BK, WH

- 14" Interconnect cable



10573 BK, WH

- 21" Interconnect cable



10570 BK, WH

- Wire module
- 7.75" L x 2.625" W x 1" H



10588 SI

- Duplex BX cable connector



10589 SI (included with fixture)

- Connector for NM & BX cable



6UCORD BK, WH

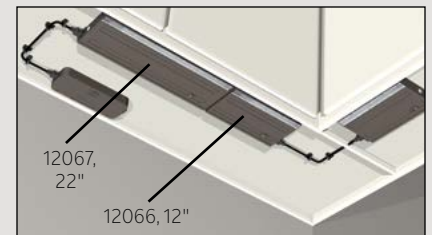
- 60" under-cabinet interconnect prong cord



BACK OF CABINET INSTALLATION – DIRECT WIRE CONNECT



FRONT MOUNT – USE WIRE MODULE AND INTERCONNECT CABLE



PRODUCT BENEFITS:

- Energy efficient, 80 CRI, LED light source
- Dimmable with standard wall dimmer – *see page 15 for tips*
- 5-year residential warranty

INSTALLATION BENEFITS:

- Ready to install with push-in wire connectors and cable connector
- Captive screws allow quick installation
- Direct wire and linkable
- Modular interconnect cables for ease of installation
- 1-inch profile, 4-inch depth

For wall dimmer selection tips, see page 15.
For the full list, visit Kichler.com

4U SERIES - LED



STEP UP small spaces,
like galley kitchens.

A low-profile design, durable finish and gently diffused light output make these LED fixtures a true value, especially in smaller areas.

AVAILABLE FINISHES



BZT Textured Bronze



WHT Textured White



4U27K22
shown in **WHT** Textured White

Select Appropriate Light Fixture, Color Temperature, Size and Finish

2700K – WARM WHITE

4U27K08 BZT, WHT - 8"

- 8" L x 4.5" W x 1.1" H
- 175 delivered lumens
- 4 Watts

4U27K12 BZT, WHT - 12"

- 12" L x 4.5" W x 1.1" H
- 250 delivered lumens
- 6 Watts

4U27K22 BZT, WHT - 22"

- 22" L x 4.5" W x 1.1" H
- 485 delivered lumens
- 10 Watts

4U27K30 BZT, WHT - 30"

- 30" L x 4.5" W x 1.1" H
- 650 delivered lumens
- 14 Watts

3000K – PURE WHITE

4U30K08 BZT, WHT - 8"

- 8" L x 4.5" W x 1.1" H
- 200 delivered lumens
- 4 Watts

4U30K12 BZT, WHT - 12"

- 12" L x 4.5" W x 1.1" H
- 285 delivered lumens
- 6 Watts

4U30K22 BZT, WHT - 22"

- 22" L x 4.5" W x 1.1" H
- 560 delivered lumens
- 10 Watts

4U30K30 BZT, WHT - 30"

- 30" L x 4.5" W x 1.1" H
- 750 delivered lumens
- 14 Watts

Under Cabinet Accessories (optional)

10571 BK, WH

- 9" Interconnect cable



10572 BK, WH

- 14" Interconnect cable



10573 BK, WH

- 21" Interconnect cable



10570 BK, WH

- Wire module
- 7.75" L x 2.625" W x 1" H



10588 SI

- Duplex BX cable connector



10589 SI (included with fixture)

- Connector for NM & BX cable

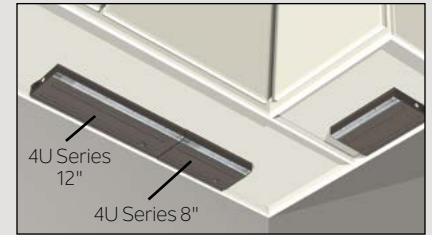


6UCORD BK, WH

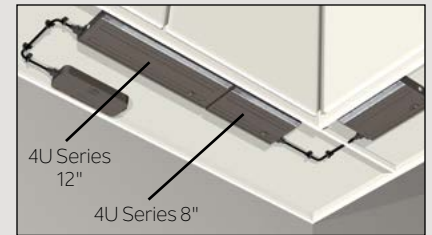
- 60" under-cabinet interconnect prong cord



BACK OF CABINET INSTALLATION – DIRECT WIRE CONNECT



FRONT MOUNT – USE WIRE MODULE AND INTERCONNECT CABLE



PRODUCT BENEFITS:

- Quality, diffused light output
- 90 CRI keeps furnishings true-to-color
- Energy efficient, LED light source
- FCC and Title 24 compliant
- Durable powder coat finish
- Dimmable with standard wall dimmer - *see page 15 for tips*
- 3-year residential warranty

INSTALLATION BENEFITS:

- Captive screws for quick installation
- Direct wire and linkable
- Knockouts in sides and in back of fixture
- 1-inch profile, 4.5-inch depth



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For wall dimmer selection tips, see page 15.
For the full list, visit Kichler.com

4U SERIES - 12V XENON



4U12X22
shown in **BZT** Textured Bronze

Select Appropriate Light Fixture Size and Finish

4U12X08 BZT, NIT, WHT - 8"

- 8" L x 4.5" W x 1.1" H
- 1 Bulb included
- 18 Watts

4U12X12 BZT, NIT, WHT - 12"

- 12" L x 4.5" W x 1.1" H
- 2 Bulbs included
- 36 Watts

4U12X22 BZT, NIT, WHT - 22"

- 22" L x 4.5" W x 1.1" H
- 3 Bulbs included
- 54 Watts

4U12X30 BZT, NIT, WHT - 30"

- 30" L x 4.5" W x 1.1" H
- 4 Bulbs included
- 72 Watts

Under Cabinet Accessories (optional)

10571 BK, WH

- 9" Interconnect cable



10572 BK, WH

- 14" Interconnect cable



10573 BK, WH

- 21" Interconnect cable



10570 BK, WH

- Wire module
- 7.75" L x 2.625" W x 1" H



10588 SI

- Duplex BX cable connector



10589 SI (included with fixture)

- Connector for NM & BX cable



6UCORD BK, WH

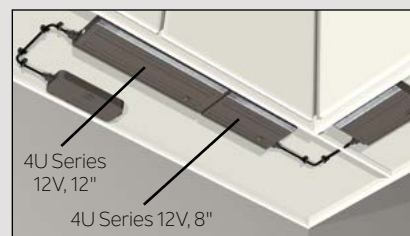
- 60" under-cabinet interconnect prong cord



BACK OF CABINET INSTALLATION - DIRECT WIRE CONNECT



FRONT MOUNT - USE WIRE MODULE AND INTERCONNECT CABLE



PRODUCT BENEFITS:

- Our most efficient Xenon light source (10,000 hrs.)
- Fully replaceable bulbs are cost efficient and energy efficient
- High-low, on-off switch
- Durable powder coat finish
- Dimmable with standard wall dimmer - *see page 15 for tips*
- 3-year residential warranty

INSTALLATION BENEFITS:

- Captive screws for quick installation
- Direct wire and linkable
- Knockouts in sides and in back of fixture
- 1-inch profile, 4.5-inch depth
- 1/4" extenders help to dissipate heat

AVAILABLE FINISHES



BZT Textured Bronze



NIT Textured Nickel



WHT Textured White

For wall dimmer selection tips, see page 15.
For the full list, visit Kichler.com

4U SERIES - 120V XENON



4U120X22
shown in NIT Textured Nickel

Select Appropriate Light Fixture Size and Finish

4U120X08 BZT, NIT, WHT - 8"

- 8" L x 4.5" W x 1.1" H
- 1 Bulb included
- 20 Watts

4U120X12 BZT, NIT, WHT - 12"

- 12" L x 4.5" W x 1.1" H
- 2 Bulbs included
- 40 Watts

4U120X22 BZT, NIT, WHT - 22"

- 22" L x 4.5" W x 1.1" H
- 3 Bulbs included
- 60 Watts

4U120X30 BZT, NIT, WHT - 30"

- 30" L x 4.5" W x 1.1" H
- 4 Bulbs included
- 80 Watts

Under Cabinet Accessories (optional)

10571 BK, WH

- 9" Interconnect cable



10572 BK, WH

- 14" Interconnect cable



10573 BK, WH

- 21" Interconnect cable



10570 BK, WH

- Wire module
- 7.75" L x 2.625" W x 1" H



10588 SI

- Duplex BX cable connector



10589 SI (included with fixture)

- Connector for NM & BX cable



6UCORD BK, WH

- 60" under-cabinet interconnect prong cord



AVAILABLE FINISHES



BZT Textured Bronze

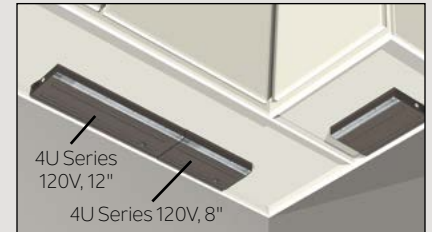


NIT Textured Nickel

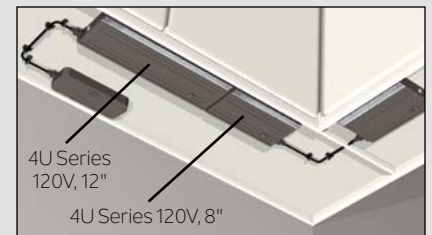


WHT Textured White

BACK OF CABINET INSTALLATION - DIRECT WIRE CONNECT



FRONT MOUNT - USE WIRE MODULE AND INTERCONNECT CABLE



PRODUCT BENEFITS:

- Xenon light source (2,500 hrs.)
- Fully replaceable bulbs are cost efficient and energy efficient
- High-low, on-off switch
- Durable powder coat finish
- Dimmable with standard wall dimmer - *see page 15 for tips*
- 3-year residential warranty

INSTALLATION BENEFITS:

- Captive screws for quick installation
- Direct wire and linkable
- Knockouts in sides and in back of fixture
- 1-inch profile, 4.5-inch depth
- 1/4" extenders help to dissipate heat

For wall dimmer selection tips, see page 15.
For the full list, visit Kichler.com

DIRECT WIRE - FLUORESCENT



10042
shown in **WH** White

Select Appropriate Light Fixture Size

10041 WH - 12.25"

- 12.25" L x 3.5" W x 1" H
- 8 Watts max. T5 fluorescent lamp included

10042 WH - 21.50"

- 21.5" L x 3.5" W x 1" H
- 13 Watts max. T5 fluorescent lamp included

10043 WH - 34.50"

- 34.5" L x 3.5" W x 1" H
- 21 Watts max. T5 fluorescent lamp included

10044 WH - 46.50"

- 46.5" L x 3.5" W x 1" H
- 28 Watts max. T5 fluorescent lamp included

Accessories (optional)

10588 SI

- Duplex BX cable connector



10589 SI

- Connector for NM & BX cable



Replacement Lamps

10081 FST

- 8 Watt, T5

10082 FST

- 13 Watt, T5

10083 FST

- 21 Watt, T5

10084 FST

- 28 Watt, T5

BACK MOUNT INSTALLATION



PRODUCT BENEFITS:

- Combines the energy efficiency of fluorescent lighting with the convenience and popularity of incandescent fixtures.
- Fully replaceable bulbs
- 2700K equivalent color temperature

INSTALLATION BENEFITS:

- Hinged assembly
- Multiple knockouts for installation ease
- NM & BX single cable connector included
- 1-inch profile, 3-1/2-inch depth



DIMMER INFO & TIPS

From BRILLIANT light to subtle ambiance – with the turn of a switch.

Sometimes you need all the light you can get – sometimes mood lighting is more in order. With the right dimmer switch, you can add flexibility to under-cabinet lighting – so you're prepared for anything: full lighting for veggie chopping, ambiance for parties or subtle illumination for late-night snack runs.

Not all dimmer switches are created equal.

Because a wall dimmer is designed to control lighting intensity, it tends to absorb some of the power that's going to the fixtures. Kichler tests multiple dimmer brands/models extensively against a variety of products in the marketplace to assure they are compatible and help our fixtures perform to Kichler standards for years to come.

Visit [Kichler.com](https://www.kichler.com) for our most up-to-date list of recommended dimmers as well as installation videos.

Dimmer switch type*	What to expect
Standard triac	Will reduce initial lumen output from 94% to 76%
Rotary	Will dim 100% to black
Electric low voltage	Will create a smaller dim range, typically from 80% to 62%

* Kichler has tested our LED fixtures against a variety of popular and readily available dimmer switches.

[GOOD
TO KNOW:]

When you use a dimmer at full power, the initial lumen output of any fixture will be slightly lower than with a standard wall switch.

LED TAPE LIGHT



DRY LOCATION



DAMP LOCATION





Designed BETTER, inside and out.

Damp or dry areas. Small spaces or stretches of molding – Kichler's tape light is designed for versatility, with 12 or 24V options that deliver a rich, pure light. Looking for something more unique? Our RGB tape light adds color interest to basement bars, kids' play areas and more.

Designed for precise light delivery.

Our comprehensive tape light offering delivers exceptional performance in every capacity: in lighting delivery, energy consumption, installation and durability. The heart of a Kichler system is our dimmable tape light power supply. It communicates intelligently with the incoming power, dispersing excess voltage in a consistent manner. The result is a better quality of light year after year and a longer-lasting tape light. Behind the wall, we've also engineered a smarter solution: our in-wall rated wire assures unsightly wires are out of view while costing less than competitive wire options.



See pages 36-39 for more information on our innovative dimmable power supply and power supply optimization tips.

Visit Kichler.com for product specifications and instruction information.

6TL SERIES - 24V LED TAPE LIGHT



DRY LOCATION



SELECT 1 Color Temperature and Lumen Output



AMBER WHITE

STANDARD OUTPUT

- 32' max. linear run length
- 120-145 delivered lumens/ft.
- 1.5 W/ft., 90 CRI
- Cuttable every 4"

AMBER WHITE - 2400K

- 6T116S24 BK, WH
- 16' (24W)

HIGH OUTPUT

- 20' max. linear run length
- 215-270 delivered lumens/ft.
- 3 W/ft., 90 CRI
- Cuttable every 4"

AMBER WHITE - 2400K

- 6T120H24 BK, WH
- 20' (60W)

ULTRA HIGH OUTPUT

- 10' max. linear run length
- 490-590 delivered lumens/ft.
- 7.2 W/ft., 90 CRI
- Cuttable every 2.5"

Requires soldered connections; doesn't work with tape light supply leads or connectors. Cannot be used with 12330 Plastic Track.



WARM WHITE

WARM WHITE - 2700K

- 6T110S27 BK, WH
- 10' (15W)
- 6T116S27 BK, WH
- 16' (24W)
- 6T1100S27 BK, WH
- 100'

WARM WHITE - 2700K

- 6T110H27 BK, WH
- 10' (30W)
- 6T120H27 BK, WH
- 20' (60W)
- 6T1100H27 BK, WH
- 100'

WARM WHITE - 2700K

- 6T110UH27 BK, WH
- 10' (72W)



PURE WHITE

PURE WHITE - 3000K

- 6T110S30 BK, WH
- 10' (15W)
- 6T116S30 BK, WH
- 16' (24W)
- 6T1100S30 BK, WH
- 100'

PURE WHITE - 3000K

- 6T110H30 BK, WH
- 10' (30W)
- 6T120H30 BK, WH
- 20' (60W)
- 6T1100H30 BK, WH
- 100'

PURE WHITE - 3000K

- 6T110UH30 BK, WH
- 10' (72W)



BRIGHT WHITE

BRIGHT WHITE - 5000K

- 6T116S50 BK, WH
- 16' (24W)
- 6T1100S50 BK, WH
- 100'

BRIGHT WHITE - 5000K

- 6T120H50 BK, WH
- 20' (60W)
- 6T1100H50 BK, WH
- 100'

BRIGHT WHITE - 5000K

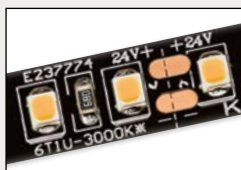
- 6T110UH50 BK, WH
- 10' (72W)

Tape light rolls come with a 2' supply wire soldered to the beginning and end of each roll.

AVAILABLE FINISHES



WH White
Shown in Standard Output



BK Black
Shown in Ultra High Output

See pages 38-39 for power supply optimization tips and visit Kichler.com for compatible dimmers.



2. Power Supply Leads and Interconnect Cables

POWER SUPPLY LEADS

Connects tape light to power supply. Cannot be used as an interconnect cable.

1SL2 BK, WH

- 2' DC jack supply lead



1SL8 BK, WH

- 8' DC jack supply lead

1SLW2 BK, WH

- 2' supply lead
- No DC connector



1SLW8 BK, WH

- 8' supply lead
- No DC connector

INTERCONNECT CABLES

Used to connect 2 sections of tape light together or for making tight turns.

1C1 BK, WH

- Inline splice

1IC02 BK, WH

- 2" Interconnect

1IC06 BK, WH

- 6" Interconnect

1IC12 BK, WH

- 12" Interconnect

1IC36 BK, WH

- 36" Interconnect

1IC96 BK, WH

- 96" Interconnect

3. Power Supply

PLUG-IN POWER SUPPLY*

Total wattage of tape light cannot exceed wattage rating of power supply.

10190BK30 30W

10190BK48 48W

10190BK60 60W

- 8' of cord with male DC 2.1 jack on end
- 2.4W minimum load requirement
- 120V – 240V input



DIRECT WIRE DIMMABLE*

6TD24V60BKT 60W

6TD24V96BKT 96W

- Dimmable LED power supply



10193BK

- 8' cord and plug accessory for use with 6TD24V60BKT 60W and 6TD24V96BKT 96W



*All power supplies are Class 2/24V DC.

4. Optional Accessories

INLINE DIMMER

10198 BK, WH

- 0 – 100% dimming
- Can be used on 24V or 12V output side of power supply
- 48W max.
- For indoor use only

90° ALUMINUM TRACK

10171 BK, WH – 12"

10170 BK, WH – 36"

- 1/2" W x 9/16" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

90° END CAPS

10177 BK, WH

- 5 pieces

45° ALUMINUM TRACK

10173 BK, WH – 12"

10172 BK, WH – 36"

- 1/2" W x 1/2" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

45° END CAPS

10178 BK, WH

- 5 pieces

U-CHANNEL ALUMINUM TRACK

10175 BK, WH – 12"

10174 BK, WH – 36"

- 1/2" W x 3/4" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

DIFFUSER

10179

- 36", cut to size

U-CHANNEL END CAPS

10176 BK, WH

- 5 pieces

SPLICE BOX

10189 BK, WH

- Accepts max. 14 gauge wire
- (4) 3/8" size K.O.
- Intended for low voltage connections only
- 2.375" L x 2.375" W x 1" H

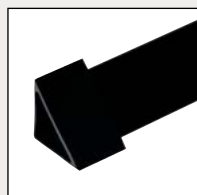


PLASTIC TRACK

12330 BK, WH – 36"

- 10 pack
- Snaps on the score every 6"
- Tracks have pre-installed screws every 6"

AVAILABLE TRACK/CHANNEL - Black (BK) and White (WH)



45° Track



90° Track



U-Channel



U-Channel with Diffuser



36" Plastic Track

6TL SERIES - 24V RGB LED TAPE LIGHT



DRY LOCATION



SELECT

1. Color Changing RGB

HIGH OUTPUT

- 20' max. linear run length
- 4 W/ft.
- Must be used with **10199 BK-RGB controller**

COLOR CHANGING RGB

120RGB BK, WH

- 20' (80W)

CONTROLLER (BELOW)

10199 BK-RGB CONTROLLER

- Must be used with RGB tape light
- Multiple modes for unique light settings
- Adjusts speed and brightness
- Connects between power supply and tape light
- 9A max.

2. Power Supply Leads and Interconnect Cables

POWER SUPPLY LEADS

1SL2RGB BK, WH

- 2' supply lead

1SL8RGB BK, WH

- 8' supply lead

INTERCONNECT CABLES

Used to connect 2 sections of tape light together or for making tight turns.

1C1RGB BK, WH

- Inline splice

1IC02RGB BK, WH

- 2" Interconnect 90°

1IC12RGB BK, WH

- 12" Interconnect

1IC36RGB BK, WH

- 36" Interconnect

1IC96RGB BK, WH

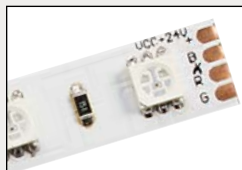
- 96" Interconnect



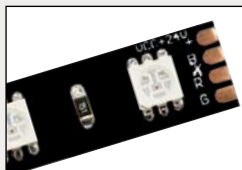
Color Changing RGB with Remote Control



AVAILABLE FINISHES

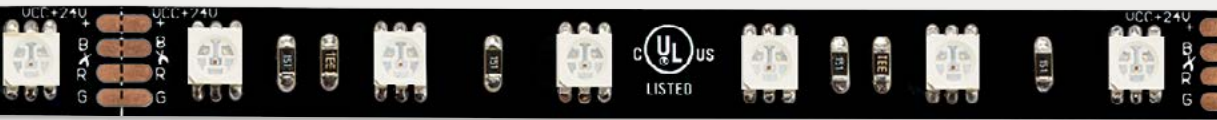


WH White
Shown in Standard Output



BK Black
Shown in Ultra High Output

See pages 38-39 for power supply optimization tips.



3. Power Supply

PLUG-IN POWER SUPPLY*

Total wattage of tape light cannot exceed wattage rating of power supply.

10190BK30 30W

10190BK48 48W

10190BK60 60W

- 2.4W minimum load requirement
- 120V – 240V input



DIRECT WIRE DIMMABLE*

6TD24V60BKT 60W

6TD24V96BKT 96W

- Must be used without Dimmer for RGB product.



10193BK

- 8' cord and plug accessory for use with 6TD24V60BKT 60W and 6TD24V96BKT 96W



*All power supplies are Class 2/24V DC.

4. Optional Accessories

90° ALUMINUM TRACK

10171 BK, WH – 12"

10170 BK, WH – 36"

- 1/2" W x 9/16" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

90° END CAPS

10177 BK, WH

- 5 pieces

45° ALUMINUM TRACK

10173 BK, WH – 12"

10172 BK, WH – 36"

- 1/2" W x 1/2" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

45° END CAPS

10178 BK, WH

- 5 pieces

U-CHANNEL ALUMINUM TRACK

10175 BK, WH – 12"

10174 BK, WH – 36"

- 1/2" W x 3/4" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

DIFFUSER

10179

- 36", cut to size

U-CHANNEL END CAPS

10176 BK, WH

- 5 pieces

SPLICE BOX

10189 BK, WH

- Accepts max. 14 gauge wire
- (4) 3/8" size K.O.
- Intended for low voltage connections only
- 2.375" L x 2.375" W x 1" H

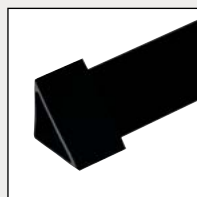


PLASTIC TRACK

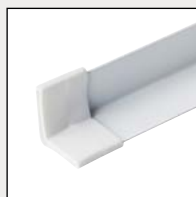
12330 BK, WH – 36"

- 10 pack
- Snaps on the score every 6"
- Tracks have pre-installed screws every 6"

AVAILABLE TRACK/CHANNEL - Black (BK) and White (WH)



45° Track



90° Track



U-Channel



U-Channel with Diffuser



36" Plastic Track

6TL SERIES - 24V LED TAPE LIGHT



DAMP LOCATION



SELECT

1. Color Temperature and Lumen Output

STANDARD OUTPUT

- 32' max. linear run length
- 100 delivered lumens/ft.
- 1.5 W/ft., 90 CRI
- Cuttable every 4"

HIGH OUTPUT

- 20' max. linear run length
- 170 delivered lumens/ft.
- 3 W/ft., 90 CRI
- Cuttable every 4"



PURE WHITE

PURE WHITE**

6T210S24 WH

- 10' (15W)

6T216S24 WH

- 16' (24W)

PURE WHITE**

6T210H24 WH

- 10' (30W)

6T220H24 WH

- 20' (60W)

**Pure White 3100K (+/- 200K)

2. Power Supply Leads and Interconnect Cables

POWER SUPPLY LEADS

Connects tape light to power supply. Cannot be used as an interconnect cable.

2SL2 WH

- 2' Damp Location DC jack supply lead

2SL8 WH

- 8' Damp Location DC jack supply lead

2SLW2 WH (2 included with Tape Light)

- 2' Damp Location supply lead
- No DC connector

2SLW8 WH

- 8' Damp Location supply lead
- No DC connector



INTERCONNECT CABLES

Used to connect 2 sections of tape light together or for making tight turns.

2C1 WH

- Damp Location Inline splice

2IC02 WH

- 2" Damp Location Interconnect

2IC06 WH

- 6" Damp Location Interconnect

2IC12 WH

- 12" Damp Location Interconnect

2IC36 WH

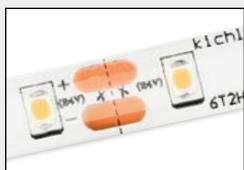
- 36" Damp Location Interconnect

2IC96 WH

- 96" Damp Location Interconnect



AVAILABLE FINISHES



WH White
Shown in High Output

See pages 38-39 for power supply optimization tips and visit Kichler.com for compatible dimmers.



3. Power Supply

PLUG-IN POWER SUPPLY*

Total wattage of tape light cannot exceed wattage rating of power supply.

10190BK30 30W

10190BK48 48W

10190BK60 60W

- 8' of cord with male DC 2.1 jack on end
- 2.4W minimum load requirement
- 120V – 240V input
- **Must be installed in a dry location**



DIRECT WIRE DIMMABLE*

6TD24V60BKT 60W

6TD24V96BKT 96W

- Dimmable LED power supply



10193BK

- 8' cord and plug accessory for use with 6TD24V60BKT 60W and 6TD24V96BKT 96W



*All power supplies are Class 2/24V DC.

4. Optional Accessories

90° ALUMINUM TRACK

10171 BK, WH – 12"

10170 BK, WH – 36"

- 1/2" W x 9/16" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

90° END CAPS

10177 BK, WH

- 5 pieces

45° ALUMINUM TRACK

10173 BK, WH – 12"

10172 BK, WH – 36"

- 1/2" W x 1/2" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

45° END CAPS

10178 BK, WH

- 5 pieces

U-CHANNEL ALUMINUM TRACK

10175 BK, WH – 12"

10174 BK, WH – 36"

- 1/2" W x 3/4" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

DIFFUSER

10179

- 36", cut to size

U-CHANNEL END CAPS

10176 BK, WH

- 5 pieces

DAMP TAPE END CAPS

10181

- Caps the end of a cut piece of tape

10183 – Silicone

- Use with 10181 damp tape end cap

SPLICE BOX

10189 BK, WH

- Accepts max. 14 gauge wire
- (4) 3/8" size K.O.
- Intended for low voltage connections only
- **Must be installed in a dry location**
- 2.375" L x 2.375" W x 1" H

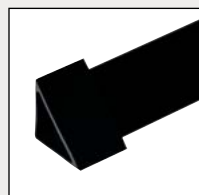


PLASTIC TRACK

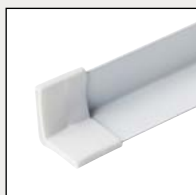
12330 BK, WH – 36"

- 10 pack
- Snaps on the score every 6"
- Tracks have pre-installed screws every 6"

AVAILABLE TRACK/CHANNEL - Black (BK) and White (WH)



45° Track



90° Track



U-Channel



U-Channel with Diffuser



36" Plastic Track

4TL SERIES - 12V LED TAPE LIGHT



DRY LOCATION



SELECT

1. Color Temperature and Lumen Output**STANDARD OUTPUT**

- 16' max. linear run length
- 120-140 lumens/ft.
- 1.5 W/ft., 90 CRI
- Cuttable every 2.5"

HIGH OUTPUT

- 16' max. linear run length
- 210-260 lumens/ft.
- 3 W/ft., 90 CRI
- Cuttable every 2.5"



WARM WHITE

WARM WHITE - 2700K

- 4T116S27 WH
- 16' (24W)
- 4T1100S27 WH
- 100'

WARM WHITE - 2700K

- 4T116H27 WH
- 16' (48W)
- 4T1100H27 WH
- 100'



PURE WHITE

PURE WHITE - 3000K

- 4T116S30 WH
- 16' (24W)
- 4T1100S30 WH
- 100'

PURE WHITE - 3000K

- 4T116H30 WH
- 16' (48W)
- 4T1100H30 WH
- 100'



BRIGHT WHITE

BRIGHT WHITE - 5000K

- 4T116S50 WH
- 16' (24W)
- 4T1100S50 WH
- 100'

BRIGHT WHITE - 5000K

- 4T116H50 WH
- 16' (48W)
- 4T1100H50 WH
- 100'

2. Power Supply Leads and Interconnect Cables**POWER SUPPLY LEADS**

Connects tape light to power supply. Cannot be used as an interconnect cable.

1SL2 WH

- 2' DC jack supply lead

1SL8 WH

- 8' DC jack supply lead

1SLW2 WH

- 2' supply lead
- No DC connector

1SLW8 WH

- 8' supply lead
- No DC connector

**INTERCONNECT CABLES**

Used to connect 2 sections of tape light together or for making tight turns.

1C1 WH

- Inline splice

1C02 WH

- 2" Interconnect

1C06 WH

- 6" Interconnect

1C12 WH

- 12" Interconnect

1C36 WH

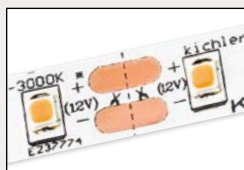
- 36" Interconnect

1C96 WH

- 96" Interconnect



Tape light rolls come with a 2' supply wire soldered to the beginning and end of each roll.

AVAILABLE FINISHES

WH White
Shown in Standard Output

See pages 38-39 for power supply optimization tips and visit Kichler.com for compatible dimmers.



3. Power Supply

DIRECT WIRE DIMMABLE*

4TD12V60BKT 60W

- Dimmable LED power supply



10193BK

- 8' cord and plug accessory for use with 4TD12V60BKT 60W



*All power supplies are Class 2/12V DC.

4. Optional Accessories

90° ALUMINUM TRACK

10171 BK, WH – 12"

10170 BK, WH – 36"

- 1/2" W x 9/16" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

90° END CAPS

10177 BK, WH

- 5 pieces

45° ALUMINUM TRACK

10173 BK, WH – 12"

10172 BK, WH – 36"

- 1/2" W x 1/2" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

45° END CAPS

10178 BK, WH

- 5 pieces

U-CHANNEL ALUMINUM TRACK

10175 BK, WH – 12"

10174 BK, WH – 36"

- 1/2" W x 3/4" H
- 11 end caps included
- Tracks have pre-installed screws every 6"

DIFFUSER

10179

- 36", cut to size

U-CHANNEL END CAPS

10176 BK, WH

- 5 pieces

INLINE DIMMER

10198 BK, WH

- 0 – 100% dimming
- Can be used on 24V or 12V output side of power supply
- 48W max.
- For indoor use only

SPLICE BOX

10189 BK, WH

- Accepts max. 14 gauge wire
- (4) 3/8" size K.O.
- Intended for low voltage connections only
- 2.375" L x 2.375" W x 1" H

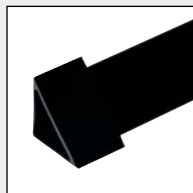


PLASTIC TRACK

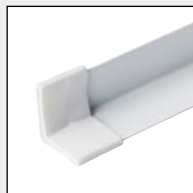
12330 BK, WH – 36"

- 10 pack
- Snaps on the score every 6"
- Tracks have pre-installed screws every 6"

AVAILABLE TRACK/CHANNEL - Black (BK) and White (WH)



45° Track



90° Track



U-Channel



U-Channel with Diffuser



36" Plastic Track

HARD STRIPS - 24V LED



DRY LOCATION



A smarter
SOLUTION for
 accents and
 displays.

A rigid exterior and quick connect end-caps make hard strips easy to install in linear applications, such as behind a work of art. Plus, their low profile and light diffusing shell offer a versatile option for under-cabinet and display-lighting applications.



SELECT

1 Color Temperature

STANDARD OUTPUT

- 10' max. linear run length
- 6" Unit = 2.7W
- 12" Unit = 4.0W
- 200-240 lumens/ft.
- 90 CRI



WARM WHITE

WARM WHITE - 2700K**6HS27K06AL**

- 6" 24V Standard Dry

6HS27K12AL

- 12" 24V Standard Dry



PURE WHITE

PURE WHITE - 3000K**6HS30K06AL**

- 6" 24V Standard Dry

6HS30K12AL

- 12" 24V Standard Dry



BRIGHT WHITE

BRIGHT WHITE - 5000K**6HS50K06AL**

- 6" 24V Standard Dry

6HS50K12AL

- 12" 24V Standard Dry

Hard strips tuck neatly behind artwork and shelves, adding light without visible wires. For maximum effect, install hard strips 1-inch in from the outside edge of a frame.

2. Power Supply Leads and Interconnect Cables

POWER SUPPLY LEADS

Connects hard strip to power supply. Cannot be used as an interconnect cable.

6HS1SL8 WH

- 8' Strip supply lead

6HS1SL8DC WH

- 8' DC jack supply lead



INTERCONNECT CABLES

Used to connect two hard strips together.

6HS1IC02 WH

- 2" Hard Strip Interconnect Cable

6HS1IC06 WH

- 6" Hard Strip Interconnect Cable

6HS1IC12 WH

- 12" Hard Strip Interconnect Cable

6HS1IC36 WH

- 36" Hard Strip Interconnect Cable

6HS1IC96 WH

- 96" Hard Strip Interconnect Cable



3. Power Supply

PLUG-IN POWER SUPPLY*

Total wattage of hard strip run cannot exceed wattage rating of power supply.

10190BK30 30W

10190BK48 48W

10190BK60 60W

- 8' of cord with male DC 2.1 jack on end
- 2.4W minimum load requirement
- 120V – 240V input



DIRECT WIRE DIMMABLE*

6TD24V60BKT 60W

6TD24V96BKT 96W

- Dimmable LED power supply



10193BK

- 8' cord and plug accessory for use with 6TD24V60BKT 60W and 6TD24V96BKT 96W



*All power supplies are Class 2/24V DC.

4. Optional Accessories

INLINE DIMMER

10198 BK, WH

- 0 – 100% dimming
- Can be used on 24V or 12V output side of power supply
- 48W max.
- For indoor use only

SPLICE BOX

10189 BK, WH

- Accepts max. 14 gauge wire
- (4) 3/8" size K.O.
- Intended for low voltage connections only
- 2.375" L x 2.375" W x 1" H



HARD STRIP CLIPS

6HS0CLIPS (included with fixture)

- Hard Strip 0 Degree Clips



6HS30CLIPS (included with fixture)

- Hard Strip 30 Degree Clips



6HS45CLIPS (included with fixture)

- Hard Strip 45 Degree Clips



LOW VOLTAGE WIRE

The **POWER** behind the scenes.

Kichler in-wall rated wire not only helps you keep unsightly wires hidden – it also does it cost effectively. Because our 14G, 16G, and 18G wires are braided, they're slimmer and more flexible than comparable gauge wires – meaning less hassle during installation. Kichler wire is also compliant with the National Electrical Safety Standards for in-wall lighting and can reduce bill of material costs over that of Romex™. These wires are ideal for use with 24V tape, 12V tape, hard strips or accent discs.

IN-WALL RATED WIRE



5W14G250 WH

- 14 AWG Low Voltage Wire
- 250 ft.
- CL3P rated



5W16G250 WH

- 16 AWG Low Voltage Wire
- 250 ft.
- CMP rated



5W18G250 WH

- 18 AWG Low Voltage Wire
- 250 ft.
- CM rated



5W14G500 WH

- 14 AWG Low Voltage Wire
- 500 ft.
- CL3P rated



5W16G500 WH

- 16 AWG Low Voltage Wire
- 500 ft.
- CMP rated



5W18G500 WH

- 18 AWG Low Voltage Wire
- 500 ft.
- CM rated

LOW VOLTAGE WIRE - CLASS 2 RATED

The best choice outside of the wall:

24AWG. This low voltage wire works perfectly for any Class 2 wiring project, since the 24-gauge is durable enough to be soldered when you choose not to use connectors. It's also the best option for Kichler ultra high output tape.








5W24G250 BK, WH

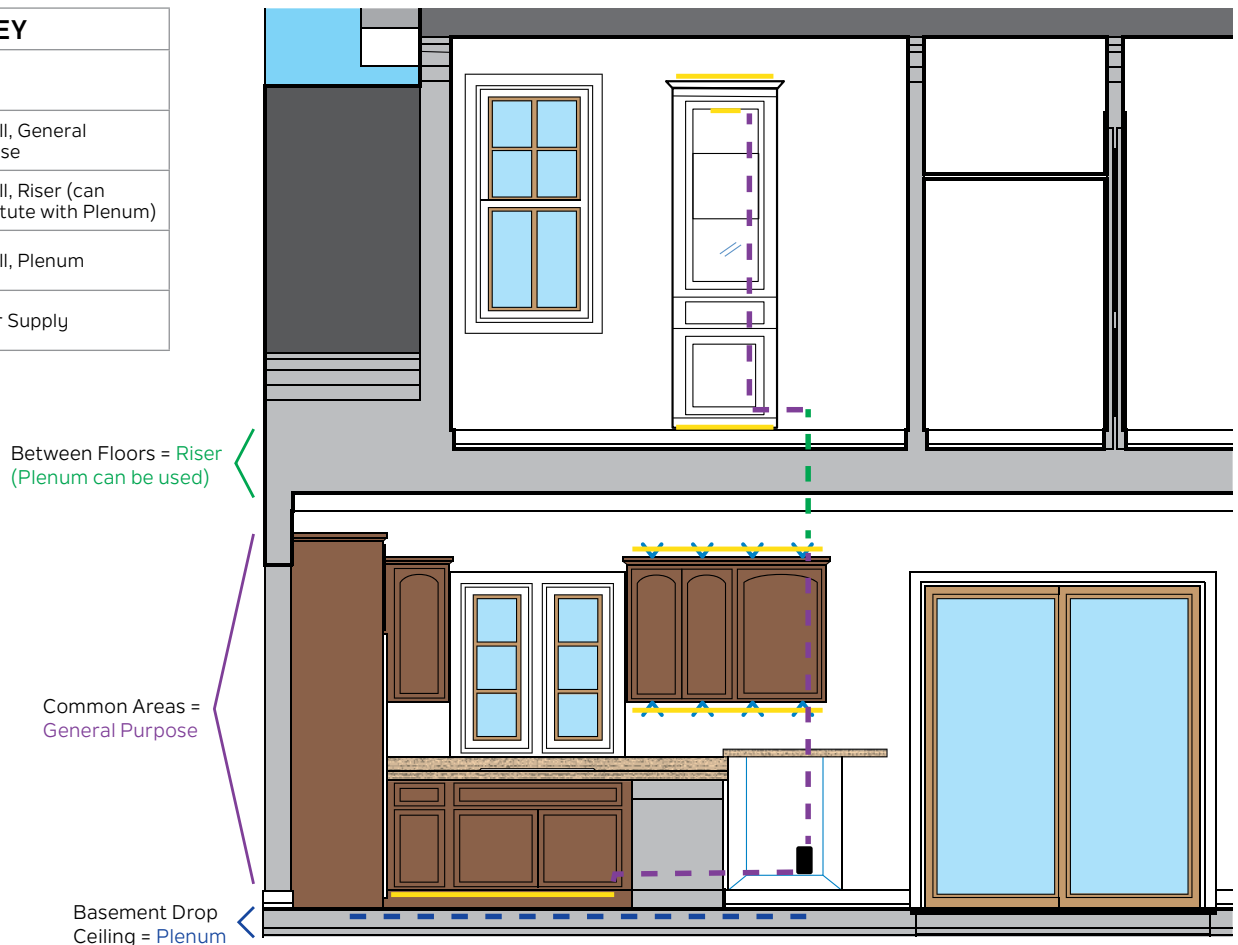
- 24 AWG Low Voltage Wire
- 250 ft.
- CL2 rated
- **Not for In-Wall use**

In-wall NEC rated wire types and applications

Low-voltage, in-wall rated wire comes in many forms that work together to create a versatile lighting system. Here we depict wiring in general purpose areas to illuminate recommended tape light installations. The main floor is connected to the second level with vertical floor to floor wire commonly known as Riser (can be substituted with Plenum wire). Plenum-rated wire can then be used throughout drop ceilings where ventilation requires higher standards.

CM	Communications General Purpose Cable	General Purpose cable is best suited for common areas – the open areas in which we live and work. So, when looking for in-wall wire for cabinet-to-cabinet, hanging shelf or other non-plenum or non-riser (vertical between floors) installations, this option works well.
CMP	Communications Plenum Cable	Plenum cable offers a flame retardant coating which makes the product suitable for spaces above dropped ceilings or below raised floors that are used for heating ventilation or air conditioning.
CL3P	Class 3 Plenum Cable	Class 3 allows the wire to take on higher levels of voltage (300V) than Class 2 (150V). This Plenum-rated product is suitable for spaces above dropped ceilings or below raised floors that are used for heating ventilation or air conditioning.

KEY	
	= Tape
	= In-Wall, General Purpose
	= In-Wall, Riser (can substitute with Plenum)
	= In-Wall, Plenum
	= Power Supply



DESIGN PRO LED STEP & HALL - 120V





A subtle solution to ILLUMINATE the way.

We took the LED light source and engineered a step light around it, providing a gentle flow of light right where you need it.

Each light engine is engineered specifically for its matching faceplate to achieve optimal light quality and greater efficiency. The product is easy to install, thanks to captive mounting screws and push-in wire connectors that can accommodate daisy chained wiring for added simplicity.

STEP & HALL - 120V

AVAILABLE FACEPLATE DESIGNS

12672: ALM, AZ, NI, WH

- Shown in Almond
- 4.875" W x 3.125" H
- Dimmable
- Screwless faceplate



12662: ALM, AZ, NI, WH

- Shown in Almond
- 4.875" W x 3.125" H
- 1 Watt



12673: ALM, AZ, NI, WH

- Shown in Architectural Bronze
- 4.875" W x 3.125" H
- Dimmable
- Screwless faceplate



12674: ALM, AZ, NI, WH

- Shown in Brushed Nickel
- 4.875" W x 3.125" H
- Dimmable
- Screwless faceplate



12664: ALM, AZ, NI, WH

- Shown in Brushed Nickel
- 4.875" W x 3.125" H
- 1 Watt



12675: ALM, AZ, NI, WH

- Shown in White
- 4.875" W x 3.125" H
- Dimmable
- Screwless faceplate



12676: ALM, AZ, NI, WH

- Shown in Almond
- 3.125" W x 4.875" H
- Dimmable
- Screwless faceplate



12666: ALM, AZ, NI, WH

- Shown in Almond
- 3.125" W x 4.875" H
- 1 Watt



12677: ALM, AZ, NI, WH

- Shown in Architectural Bronze
- 3.125" W x 4.875" H
- Dimmable
- Screwless faceplate



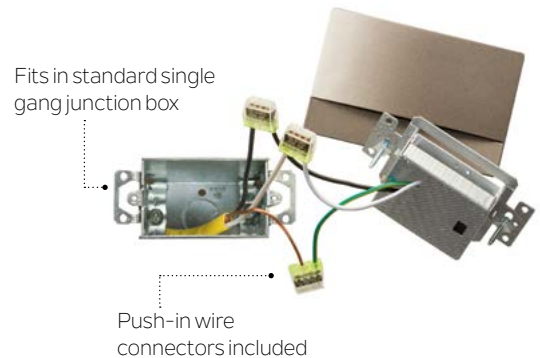
12678: ALM, AZ, NI, WH

- Shown in Brushed Nickel
- 3.125" W x 4.875" H
- Dimmable
- Screwless faceplate



12668: ALM, AZ, NI, WH

- Shown in Brushed Nickel
- 3.125" W x 4.875" H
- 1 Watt



12663: ALM, AZ, NI, WH

- Shown in Architectural Bronze
- 4.875" W x 3.125" H
- 1 Watt



12665: ALM, AZ, NI, WH

- Shown in White
- 4.875" W x 3.125" H
- 1 Watt



12667: ALM, AZ, NI, WH

- Shown in Architectural Bronze
- 3.125" W x 4.875" H
- 1 Watt



12600: AZ, WH

- Shown in Architectural Bronze
- 4.5" W x 2.75" H
- 1.5 Watt



12602: AZ, WH

- Shown in White
- 4.5" W x 2.75" H
- 1 Watt



12604: AZ, WH

- Shown in Architectural Bronze
- 2.75" W x 4.5" H
- 1 Watt



12606: AZ, WH

- Shown in White
- 2.75" W x 4.5" H
- 1.5 Watt



HALL OR WALL INSTALLATION



STEP INSTALLATION



FEATURES

- Light output: 29 Lumens
- Power consumption: 1 Watt
- Color Rendering Index (CRI): >80
- Correlated Color Temperature (CCT): 3000K +/- 150K
- Balanced lighting – free of shadows, cutoffs and striping

INSTALLATION FEATURES

- Fast installation with push-in wire connectors and captive mounting screws
- Snap off tabs to retrofit into any standard junction box/receptacle
- Integral 120V input driver
- Aluminum housing with die-cast aluminum faceplates
- IC rated
- ETL rated for damp locations
- ADA compliant

PRODUCT SOLUTIONS & LAYOUT TEAM



FREE layout and design services –
and so much more.

THE KICHLER PRODUCT SOLUTIONS & LAYOUT TEAM

From answering questions to creating detailed layouts to delivering a full bill of materials – the Kichler Product Solutions & Layout Team is your link to getting the job done. This FREE service takes the guesswork out of any lighting need you have: determining the scope of materials required, recommending dimmers, installing a product correctly, even creating a full wiring and product layout.

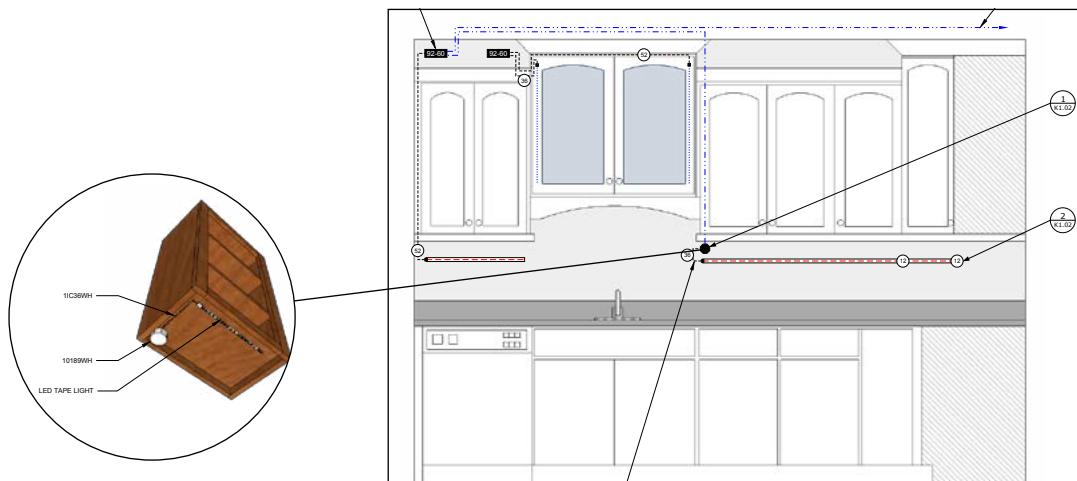
LAYOUT DESIGN SERVICES

Get to a solution faster & increase sales.

From choosing landscape lighting to maximizing a kitchen's functionality; from outfitting a restaurant with lighting to coordinating lighting throughout a home – these are just a few of the jobs our Layout Design Services team can get done for you.

Contact us at layouts@kichler.com and we'll get you started:

- 1 Email us a completed Design Request Form (available at Kichler.com/APS) along with any drawings or pictures related to the job.
- 2 We'll create a bill of materials (BOM) and email it back to you that same day (for all requests received by 3 pm EST).
- 3 Once you confirm the BOM and pricing, we'll return a completed layout design within 48 hours or less.



Kitchen layout using tape light for under cabinet lighting.

ADVANCED PRODUCT SUPPORT

No question is too complex.

Installation issue? Building code question? Regulatory stumper? If you think you've got a challenging question – we've got you covered. Our Product Support Team also receives additional classroom and in-field training on all Kichler products, so you can get your question answered quickly. To take advantage of this free service, call our dedicated Advanced Product Support line at 844-KICHLER (844-542-4537) or email techsupport@kichler.com.

INTERIOR | EXTERIOR | FANS | LANDSCAPE | LIGHTING SYSTEMS

INNOVATIVE POWER SUPPLY TECHNOLOGY

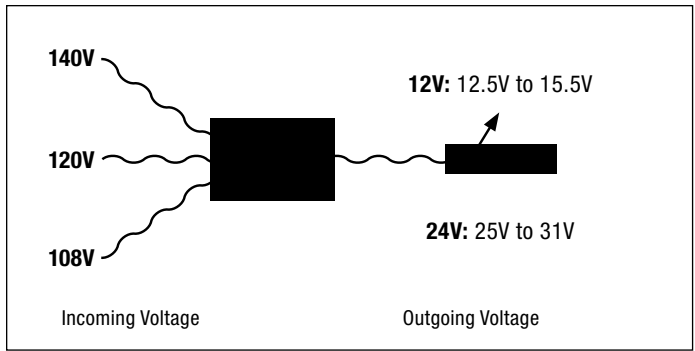


INNOVATIVE technology offers state-of-the art dimmable control.

Kichler's exclusive tape light power supply offers the ultimate in precision light control, combined with behind-the-scenes power regulation that ultimately makes tape light products perform better and last longer.

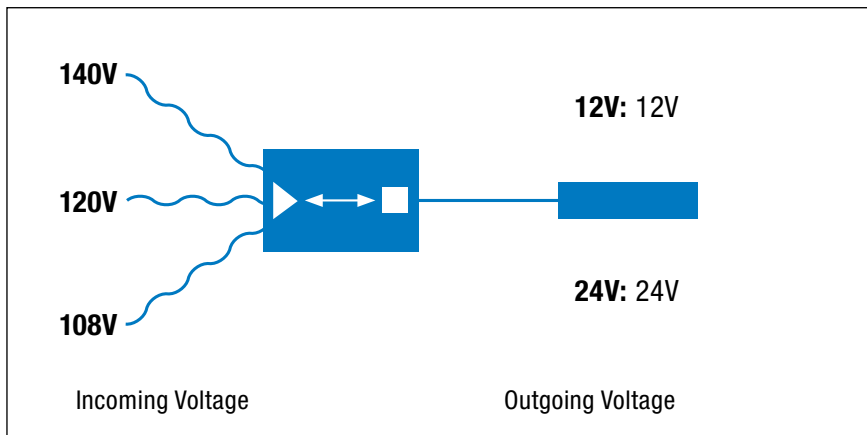
POWER ISN'T PASSED THROUGH.

Instead, the power supply thinks, converts, and disperses the excess power to ensure that what goes in is consistent – ultimately preserving the light that comes out.



COMMON POWER SUPPLY

Standard power enters the tape power supply at varying levels, reaching 12V and 24V tape at a voltage that may be higher than the tape is designed to withstand. Over time, the high input of power strains the tape light, causing the life of the product to diminish.



KICHLER POWER SUPPLY TECHNOLOGY

Kichler's tape light power supply technology works to better convert power. As power begins flowing, the power supply intercepts it and allows only the appropriate voltage through to the tape. Proper input then allows the tape to work as it was designed, offering extended hours for long-term performance.



6TD24V96 BKT

Available in 24V and 12V. See pages 18-27 to pair with our tape light offering.

It recognizes dimming.

The enhanced technology in the Kichler power supply can discern the difference between inconsistent voltage, and a drop in power due to dimming. With its ability to recognize the difference, it can still offer consistent voltage through the dimming process – resulting in unmatched dimming performance.

POWER SUPPLY OPTIMIZATION

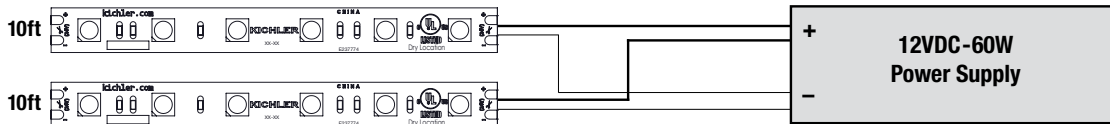
Get more from your POWER supply.

Whether you're working with high or low output tape, there is typically a maximum length that can run off of one power supply. The diagrams below illustrate ways to break up your runs into multiples, which will ultimately result in additional inches of tape operating from one power supply. In addition to efficiencies gained in materials, the shorter linear runs will also help to maximize the light output potential for a beautiful end effect.

MAXIMIZE LIGHT OUTPUT AND THE POWER SUPPLY

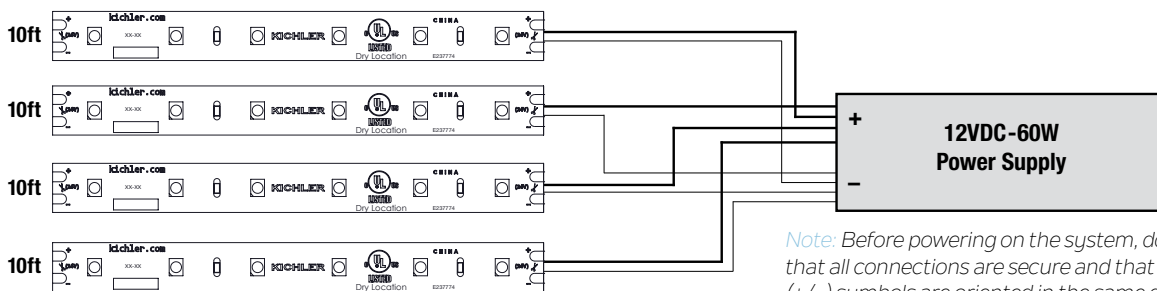
12V HIGH OUTPUT:

- Max. linear run is length 16', but connecting two 10' lengths in parallel increases total run to 20' using a 60W power supply.



12V LOW OUTPUT:

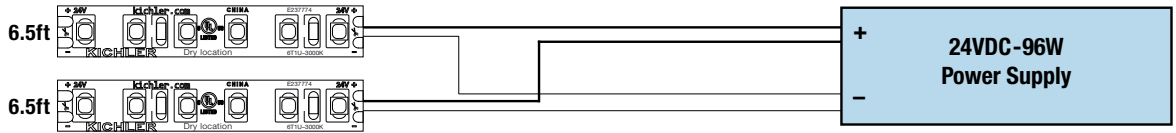
- Max. linear run is length 16', connecting four 10' lengths in parallel increases total run to 40' using a 60W power supply.



Note: Before powering on the system, double check that all connections are secure and that all polarity (+/-) symbols are oriented in the same direction.

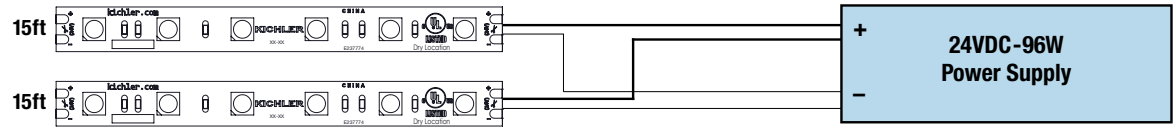
24V ULTRA HIGH OUTPUT:

- Max. linear run is length 10', but connecting two 6.5' lengths in parallel increases total run to 13' using a 96W power supply.



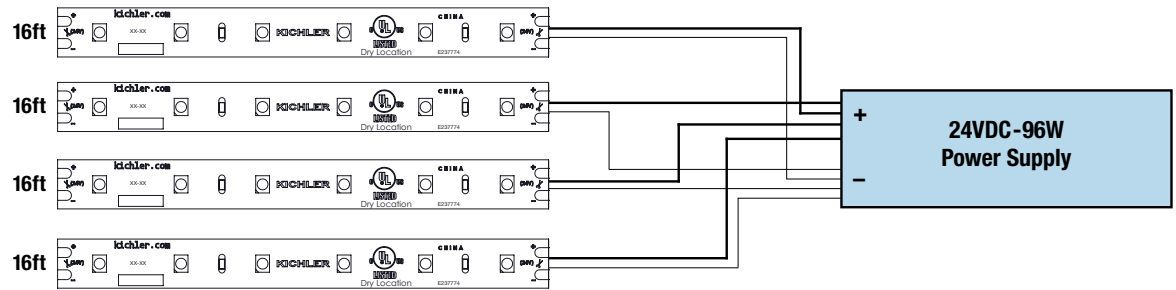
24V HIGH OUTPUT:

- Max. linear run is length 20', but connecting two 15' lengths in parallel increases total run to 30' using a 96W power supply.



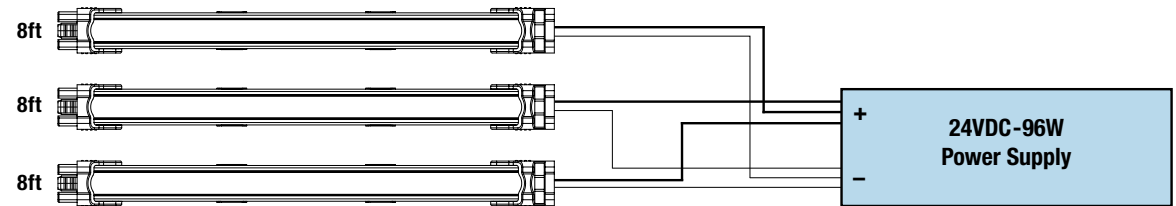
24V LOW OUTPUT:

- Max. linear run is length 32', but connecting two 32' or four 16' lengths in parallel increases total run to 64' using a 96W power supply.



24V HARD STRIPS:

- Max. linear run is length 10', but connecting three parallel runs of eight 12" length hard strips increases total run to 24' using a 96W power supply.



Note: Before powering on the system, double check that all connections are secure and that all polarity (+/-) symbols are oriented in the same direction.



Best Practices...

Kichler® tape light incorporates many installer friendly features such as plug-and-play power supplies and tape light with 3M™ brand adhesive backing. In addition to these included features, Kichler offers a large variety of additional accessories to make installations even easier.

PRE-INSTALLATION CHECKLIST

- Prepare the location that the LED tape light will be installed. Make sure that the area has been thoroughly cleaned using non-petroleum based products and is dry. If installing underneath a cabinet, it is recommended to install tape light at least 1-1/2" away from cabinet lip to prevent shadowing on counter top surface.
- Determine location for power supply and length of supply lead wire that will be needed.
- Determine how many sections of tape light and different lengths of connectors that will be needed.

FOR USE IN DRY LOCATIONS ONLY

BEFORE INSTALLING

All installations should comply with national and local electrical codes. If you have any doubts concerning installation, contact a qualified, licensed electrician. Supply leads and interconnects are not listed for **In-Wall** use. Read all instructions thoroughly before starting installation.

- This fixture can only be used with Kichler® LED Tape Lighting power supply and accessories. This fixture must be connected to a NRTL Listed Class 2, 24V DC power supply.
- Voltage drop limits the linear run length of 24V DC fixtures, and these lengths differ between the products listed below.
 - a. 6T1xxSxxxx = 32 feet (Standard)
 - b. 6T1xxHxxxx = 20 feet (High)
- Total wattage of tape light should not exceed power supply wattage. To determine the total wattage of tape light, multiply the total number of feet used by the wattages listed below for the appropriate tape light type.
 - a. 6T1xxSxxxx = 1.5 W/ft. (Standard)
 - b. 6T1xxHxxxx = 3 W/ft. (High)

**Maximum linear run length is determined using a 96W power supply & a 1' power supply lead with a continuous linear run of LED tape light.*

Please contact Kichler's Advanced Product Solutions team for questions about the maximum run length at techsupport@kichler.com.

INSTALLATION

1. Install power supply.

Note: The power supply should be installed by a qualified electrician and be installed in accordance with national and local electric codes. Refer to the power supply installation instructions for further detail.
2. Run supply lead wire from power supply to beginning of tape light run. **Do not connect lead wire to power supply yet.**
3. Measure, and if necessary, cut the first section of tape light, leaving a minimum of one inch of space on each end for connections.

Note: To cut the tape light, use a pair of sharp scissors, or snips, and cut on the dotted cut line only.



4. Completely remove 1/4" of the adhesive backing from either end of the tape that will be inserted into the connector.



Remove 1/4" of the adhesive backing

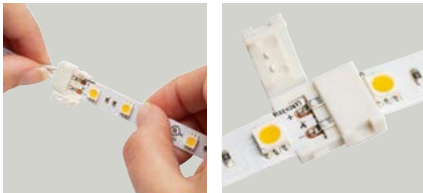
Caution: If the adhesive backing is not removed, this may cause damage to the connector.

5. Connect tape light to supply lead wire.

Note: Make sure +/- symbols on tape light line up with the +/- symbols on the connector of the supply lead wire.

TO CONNECT

1. Open connector gently using your finger nail.
2. Slide tape light into front of connector making sure that the tape is kept flat when placed in the connector's guides. Gently push the tape light forward until the tape light is fully seated in the connector and is under the prongs.



Note: Check that the connection is secure and that polarity (+/-) symbols are oriented in the same direction.

3. Close connector.



4. Remove 3M backing from tape light and apply making sure to press between the LED's and other components. **Pressing on the LED's and other components will result in damage to the tape.**

Note: For best results, peel off backing and apply tape light in small sections starting at the beginning of the run.



Note: Avoid using excessive force to prevent damage to LEDs and other components.

6. Install any additional sections of tape light and connectors in the same manner.
7. Connect power supply lead to power supply and turn on.

Note: Before powering on the system, double check that all connections are secure and that all polarity (+/-) symbols are oriented in the same direction.

† The instructions in this catalogue for Dry Location LED Tape Light are current as of June 1, 2016. The instruction sheet included with the product shall take precedent over the instructions in this catalogue. For the most up to date instructions please refer to www.kichler.com.



Best Practices...

Kichler® tape light incorporates many installer friendly features such as plug-and-play power supplies and tape light with 3M™ brand adhesive backing. In addition to these included features, Kichler offers a large variety of additional accessories to make installations even easier.

PRE-INSTALLATION CHECKLIST

- Prepare the location that the LED tape light will be installed. Make sure that the area has been thoroughly cleaned using non-petroleum based products and is dry. If installing underneath a cabinet, it is recommended to install tape light at least 1-1/2" away from cabinet lip to prevent shadowing on counter top surface.
- Determine location for power supply and length of supply lead wire that will be needed.
- Determine how many sections of tape light and different lengths of connectors that will be needed.

FOR USE IN DAMP LOCATIONS

BEFORE INSTALLING

All installations should comply with national and local electrical codes. If you have any doubts concerning installation, contact a qualified, licensed electrician. Supply leads and interconnects are not listed for **In-Wall** use. Read all instructions thoroughly before starting installation.

- This fixture can only be used with Kichler® LED Tape Lighting power supply and accessories. This fixture must be connected to a NRTL Listed Class 2, Damp Location 24V DC power supply.
- Voltage drop limits the linear run length of 24V DC fixtures, and these lengths differ between the products listed below.
 - a. 6T2xxSxxxx = 32 feet (Standard)
 - b. 6T2xxHxxxx = 20 feet (High)
- Total wattage of tape light should not exceed power supply wattage. To determine the total wattage of tape light, multiply the total number of feet used by the wattages listed below for the appropriate tape light type.
 - a. 6T2xxSxxxx = 1.5 W/ft. (Standard)
 - b. 6T2xxHxxxx = 3 W/ft. (High)

**Maximum linear run length is determined using a 96W power supply & a 1' power supply lead with a continuous linear run of LED tape light.*

Please contact Kichler's Advanced Product Solutions team for questions about the maximum run length at techsupport@kichler.com.

INSTALLATION

1. Install power supply.

Note: The power supply should be installed by a qualified electrician and be installed in accordance with national and local electric codes. Refer to the power supply installation instructions for further detail.
2. Run supply lead wire from power supply to beginning of tape light run.

Do not connect lead wire to power supply yet.
3. Connect tape light to supply lead wire.



Note: The arrow on the supply lead wire connector should line up with the + side of the tape light.

Note: To connect, push the 4 pins of the tape light into the connector.

- Remove 3M backing from tape light and apply making sure to press between the LED's and other components. **Pressing on the LED's and other components will result in damage to the tape.**

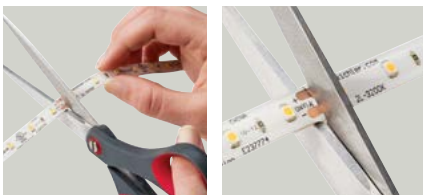


Note: For best results, peel off backing and apply tape light in small sections starting at the beginning of the run.

- Install any additional sections of tape light and connectors in the same manner.



- Cut tape light to size (optional)



Note: Only the last piece of tape light in a run should be cut. **Once cut, the cut section cannot be reused.**

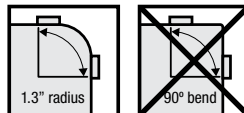
Note: To cut the tape light, use a pair of sharp scissors or snips and cut on the dotted cut line only.

Note: To maintain a water tight seal on the tape light, fill an end cap (10181) with silicone (10183) and slide onto the exposed, cut end of the tape light. (End caps and silicone sold separately)

- Connect power supply lead to power supply and turn on.

Note: Before powering on the system, double check that all connections are secure and that all polarity (+/-) symbols are oriented in the same direction.

Note: To ensure proper connections, tape should not be bent over a 1.3-inch radius.



† The instructions in this catalogue for Damp Location LED Tape Light are current as of June 1, 2016. The instruction sheet included with the product shall take precedent over the instructions in this catalogue. For the most up to date instructions please refer to www.kichler.com.



Best Practices...

Kichler® tape light incorporates many installer friendly features such as plug-and-play power supplies and tape light with 3M™ brand adhesive backing. In addition to these included features, Kichler offers a large variety of additional accessories to make installations even easier.

PRE-INSTALLATION CHECKLIST

- Prepare the location that the LED tape light will be installed. Make sure that the area has been thoroughly cleaned using non-petroleum based products and is dry. If installing underneath a cabinet, it is recommended to install tape light at least 1-1/2" away from cabinet lip to prevent shadowing on counter top surface.
- Determine location for power supply and length of supply lead wire that will be needed.
- Determine how many sections of tape light and different lengths of connectors that will be needed.

FOR USE IN DRY LOCATIONS ONLY

BEFORE INSTALLING

All installations should comply with national and local electrical codes. If you have any doubts concerning installation, contact a qualified, licensed electrician. Supply leads and interconnects are not listed for **In-Wall** use. Read all instructions thoroughly before starting installation.

- This fixture can only be used with Kichler® LED Tape Lighting power supply and accessories. This fixture must be connected to a NRTL Listed Class 2, 12V DC power supply.

- Voltage drop limits the linear run length of 12V DC fixtures, and these lengths may differ between the products listed below.

- 4T1xxSxxxx = 16 feet (Standard)
- 4T1xxHxxxx = 16 feet (High)

- Total wattage of tape light should not exceed power supply wattage. To determine the total wattage of tape light, multiply the total number of feet used by the wattages listed below for the appropriate tape light type.

- 4T1xxSxxxx = 1.5 W/ft. (Standard)
- 4T1xxHxxxx = 3 W/ft. (High)

**Maximum linear run length is determined using a 60W power supply & a 1' power supply lead with a continuous linear run of LED tape light.*

Please contact Kichler's Advanced Product Solutions team for questions about the maximum run length at techsupport@kichler.com.

INSTALLATION

1. Install power supply.

Note: The power supply should be installed by a qualified electrician and be installed in accordance with national and local electric codes. Refer to the power supply installation instructions for further detail.

2. Run supply lead wire from power supply to beginning of tape light run. **Do not connect lead wire to power supply yet.**
3. Measure and if necessary, cut the first section of tape light, leaving a minimum of one inch of space on each end for connections.



Note: To cut the tape light, use a pair of sharp scissors or snips and cut on the dotted cut line only.

4. Completely remove 1/4" of the adhesive backing from either end of the tape that will be inserted into the connector.



Remove 1/4" of the adhesive backing

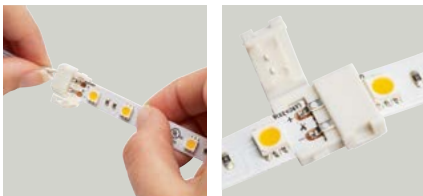
Caution: If the adhesive backing is not removed, this may cause damage to the connector.

5. Connect tape light to supply lead wire.

Note: Make sure +/- symbols on tape light line up with the +/- symbols on the connector of the supply lead wire.

TO CONNECT

1. Open connector gently using your finger nail.
2. Slide tape light into front of connector making sure that the tape is kept flat when placed in the connector's guides. Gently push the tape light forward until the tape light is fully seated in the connector and is under the prongs.



Note: Check that the connection is secure and that polarity (+/-) symbols are oriented in the same direction.

3. Close connector.



4. Remove 3M backing from tape light and apply making sure to press between the LED's and other components. **Pressing on the LED's and other components will result in damage to the tape.**



Note: For best results, peel off backing and apply tape light in small sections starting at the beginning of the run.



Note: Avoid using excessive force to prevent damage to LEDs and other components.

6. Install any additional sections of tape light and connectors in the same manner.
7. Connect power supply lead to power supply and turn on.

Note: Before powering on the system, double check that all connections are secure and that all polarity (+/-) symbols are oriented in the same direction.

† The instructions in this catalogue for Dry Location LED Tape Light are current as of June 1, 2016. The instruction sheet included with the product shall take precedent over the instructions in this catalogue. For the most up to date instructions please refer to www.kichler.com.

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Legend/Symbol Guide

CRI = Color Rendering Index

H = Height

K = Kelvin Temperature

K.O. = Knockout

L = Length

max. = Maximum

V = Volt; when directly next to a number

W = Watt; when directly next to a number

W = Width

W/ft. = Watt per Foot



= Dry Location Tape Light



= Damp Location Tape Light



= Federal Communications Commission Devices designated with this logo comply with part 15 of the FCC Rules.



= Title 24 is a document that contains the building code for the state of California. All lighting fixtures in this catalog that comply with the May 1, 2013 revision of the California Title 24 standards are marked with the T24 logo. For more information, visit energy.ca.gov/title24

- All electrical products are UL/CSA/ or ETL Listed and Certified to UL/CSA Standards for use in U.S.A. and Canada except where noted.
- To serve you better, Kichler® reserves the right to make improvements to the products in this catalog. Therefore, some products may change during the life of the catalog and the product information contained in this catalog may also have changed.

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