Use this Selection Guide for choosing LED Lighting

In choosing the best LED Lighting for your application, there are several factors to consider:

1. What is the primary intended use of the lighting?
   Is it for task lighting to illuminate a work area?
   Is it for accent lighting to illuminate a specific spot or object?
   Is it for general lighting or general ambient lighting?
   Is it to increase safety?

2. What space is available for mounting the lighting?

3. Is it your intention to hide the light so that it's not visible?

4. What is the impact of the color and reflectivity of surrounding surfaces (backsplash, cabinets, countertop, paint) in choosing Kelvin temperature of the fixture?

5. What is the availability of electricity, and are there any obstructions in running power to the lighting?

6. Do you plan to switch lights on/off only, or do you prefer dimming options?

7. Where do you want to locate a switch or dimmer, and do you want one or multiple controls?

8. Are you interested in a combined light and receptacle fixture?
   Mounted under cabinet against the backsplash, the Lighted Power Strip provides task lighting for the countertop, with built-in outlets for appliances, switches for garbage disposal and lights. Your backsplash remains clean and uninterrupted by outlets and switches.

9. What is the budget for LED lighting?

Need help with product selection advice on any of the above?
Contact our Design Services and Technical Support team at 866-848-9094 or e-mail DesignAndSupport@TaskLighting.com
When lighting your kitchen, use under cabinet lighting to complement your overhead lighting. This is especially great for providing focused illumination on your kitchen work area and highlighting your backsplash.

Under cabinet lighting helps eliminate body shadows in the work area.

**Strip Light Fixture**
sempriaLED SG9 Series page 500
- Higher light output
- Premium fixture for under cabinet – mount at front of cabinet
- WireWay available in multiple colors

**Mini Strip Light Fixture**
sempriaLED F Series page 502
- High or medium light output
- Mini profile, easy to hide fixture
- Mount at front of cabinet

**Lighted Power Strip Fixture**
LPS RM Series page 484 & LPS DV Series page 482
- High and higher light output
- Mount at the back of the cabinet

**LED Tape Light**
illumaLED Viva Series page 530
- Higher light output
- 18 diodes per foot
- Aluminum housing available

**LED Tape Light**
illumaLED Radiance Series page 522
- Medium light output
- 18 diodes per foot
- Aluminum housing available

**LED Puck Light**
illumaLED Pearl Series page 534
- Medium light output
- Includes three lenses

**LED Puck Light**
illumaLED Vivid Ultra Thin Series page 536
- Medium light output
- Surface Mount Only
When lighting your kitchen, use under cabinet lighting to complement your overhead lighting and eliminate body shadows on the work surface. The lighting provides focused illumination for the countertop and highlights your backsplash.

For frameless cabinetry, use a light rail moulding to hide the strip light fixture or use recessed puck lights, recessed strip light fixtures, or recessed tape light housing for flush mount installations.

**Recessed Strip Light Fixture**
- **sempraLED R Series page 508**
  - High or higher light output
  - Flush installation - mount at front cabinet

**LED Tape Light**
- **illumaLED Rage Series page 530**
  - Higher light output
  - 18 diodes per foot
  - Recessed aluminum housing available

**LED Tape Light**
- **illumaLED Radiance Series page 520**
  - Medium light output
  - 18 diodes per foot
  - Recessed aluminum housing available

**LED Tape Light**
- **illumaLED Radiance Series page 522**
  - Medium light output
  - 18 diodes per foot
  - Recessed aluminum housing available

**LED Puck Light**
- **illumaLED Pearl Series page 534**
  - Medium light output
  - Includes three lenses
  - Recess or Surface Mount

**LED Puck Light**
- **illumaLED Vivid Ultra Thin Series page 536**
  - Medium light output
  - Surface Mount Only
Selecting Lighting for Face Frame
Interior Cabinet - Glass Shelves

Puck lights provide a dramatic focus of lighting through the interior of a cabinet and can be surface mounted or recessed into the ceiling of the cabinet.

Install strip light fixtures or tape lighting horizontally at the top of the cabinet for a wash of light or vertically behind the face frame for more even lighting throughout.

**Angled Strip Light Fixture**
sempriaLED S Series page 506
- Medium light output
- Mount horizontally or vertically

**LED Tape Light**
illumaLED Drizzle Series page 524
- Lower light output
- 9 diodes per foot
- Mount vertically behind face frame
- Aluminum housing available

**LED Puck Light**
illumaLED Pearl Series page 534
- Medium light output
- Includes three lenses
- Surface Mount

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For cabinets with wood shelves, mount fixtures vertically behind the face frame for even lighting top to bottom throughout the cabinet. Alternatively, install strip light fixtures or tape lighting horizontally at the ceiling and under each shelf in the cabinet.

**Angled Strip Light Fixture**
sempriaLED S Series page 506
- Medium light output
- Mount horizontally or vertically

**LED Tape Light**
illumaLED Vivid Series page 520
- High light output
- 36 diodes per foot
- Aluminum housing available

**LED Tape Light**
illumaLED Drizzle Series page 524
- Lower light output
- 9 diodes per foot
- Mount vertically behind face frame
- Aluminum housing available

**LED Puck Light**
illumaLED Pearl Series page 534
- Medium light output
- Includes three lenses
- Surface Mount

**LED Puck Light**
illumaLED Vivid Ultra Thin Series page 536
- Medium light output
- Surface Mount Only
Mount vertically between hinges

**Recessed Strip Light Fixture**
sempriaLED R Series page 508
- High light output
- Flush installation - mount along inside of cabinet

**LED Tape Light**
illumaLED Vivid Series page 520
- High light output
- 36 diodes per foot
- Aluminum housing available

**LED Tape Light**
illumaLED Radiance Series page 522
- Medium light output
- 18 diodes per foot
- Aluminum housing available

**LED Tape Light**
illumaLED Drizzle Series page 524
- Lower light output
- 9 diodes per foot
- Aluminum housing available

**LED Puck Light**
illumaLED Pearl Series page 534
- Medium light output
- Includes three lenses
- Recess or Surface Mount

**LED Puck Light**
illumaLED Vivid Ultra Thin Series page 536
- Medium light output
- Surface Mount Only

Mount tape lighting vertically along the cabinet wall, avoiding hinges and shelf pin holes. Alternatively, install strip light fixtures or tape lighting horizontally at the top of the cabinet and under any wood shelves.

For glass shelves, recess or surface mount puck lights at the top of the cabinet.
Selecting Lighting for Above Cabinet

Use above cabinet lighting to feature collectible displays, highlight vaulted ceilings or other architectural features, and to add depth and ambience to a room.

**Mini Strip Light Fixture**
sempriaLED F Series page 502
- Medium light output
- Install on top at front of frame

**LED Tape Light**
illumaLED Vivid Series page 520
- High light output
- 36 diodes per foot
- Aluminum housing available

**LED Tape Light**
illumaLED Radiance Series page 522
- Medium light output
- 18 diodes per foot
- Aluminum housing available

**LED Tape Light**
illumaLED Drizzle Series page 524
- Lower light output
- 9 diodes per foot
- Aluminum housing available

**RGB Tape Light**
illumaLED RGB Inferno Series page 548
- Install for multi-color effect or select color effect
- 18 diodes per foot
- Aluminum housing available

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Mount tape lighting or strip lighting fixtures inside cove molding to add ambiance to a room, from subtle to dramatic. Create a warm and cozy look for romantic evening settings.

**Mini Strip Light Fixture**
sempriaLED F Series page 502
- Medium light output
- Provides up to 75 watts of seamless light

**LED Tape Light**
illumaLED Radiance Series page 522
- Medium light output
- 18 diodes per foot
- Aluminum housing available

**LED Tape Light**
illumaLED Vivid Series page 520
- High light output
- 36 diodes per foot
- Aluminum housing available

**RGB Tape Light**
illumaLED RGB Inferno Series page 548
- Install for multi-color effect or select color effect
- 18 diodes per foot
- Aluminum housing available
Use a light fixture over your sink to illuminate the work area and reduce eye strain.

Puck lights are unobtrusive.

Strip light fixtures can be surface-mounted, or recessed and completely hidden.

If there is already 120V power above the sink, such as when replacing a fluorescent light, the 120V bar light is a direct replacement.

Tape lighting is also unobtrusive.

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**Strip Light Fixture**
sempriaLED SG9 Series page 500
- Higher light output
- Premium fixture for under cabinet – mount at front

**Recessed Strip Light Fixture**
sempriaLED R Series page 508
- High or higher light output
- Recess into fly over panels or cabinets elevated up to 24"

**120V Bar Light Fixture**
sempriaLED 120V Bar Light Series page 510
- Higher light output
- Direct replacement for existing 120V light fixtures

**LED Tape Light**
ilumaLED Vivid Series page 520
- High light output
- 36 diodes per foot
- Recessed aluminum housing available

**LED Tape Light**
ilumaLED Radiance Series page 522
- Medium light output
- 18 diodes per foot
- Recessed aluminum housing available

**LED Puck Light**
ilumaLED Pearl Series page 534
- Medium light output
- Includes two lenses

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Light mounts at front of cabinet
Use lighting inside a drawer to brighten back corners where items get lost. Use with a proximity sensor for immediate illumination when the drawer is opened.

**Mini Strip Light Fixture**
sempraLED F Series page 502
- Medium light output
- Mount to extended countertop overhang

**LED Tape Light**
illumiaLED Side View Series page 532
- Medium light output
- 18 diodes per foot
- Mount in drawer behind face frame

Example using T-PSS-60W-IR
Proximity Switch
Lighting mounted underneath an island countertop or peninsula countertop brings out the inviting color and texture of the base cabinet finish and draws attention to corbels or other architectural supports.

Install beneath the overhang on a raised island countertop to provide light for the work surface.

**Angled Strip Light Fixture**
sempriaLED S Series page 506
- Medium light output
- Mount in middle of counter to throw light to back wall

**Mini Strip Light Fixture**
sempriaLED F Series page 502
- Medium light output
- Install at back of countertop to wash knee wall

**Lighted Power Strip Fixture**
LPS RM Series page 484 & LPS DV Series page 482
- High and Higher light output
- Mount at the back of the countertop

**LED Tape Light**
illumaLED Vivid Series page 520
- High light output
- 36 diodes per foot
- Aluminum housing available

**RGB Tape Light**
illumaLED RGB Inferno Series page 548
- Install for multi-color effect or select color effect
- 18 diodes per foot
- Aluminum housing available
Selecting Lighting for Floating Shelves

Recessed lighting, under and over floating shelves, highlights collectibles and adds an elegant touch to any room.

For a brilliant presentation, recess a puck into top side of shelf and place a glass sculpture, vase, or other artwork over it to shine light directly through the glass.

**Recessed Strip Light Fixture**
sempriaLED R Series page 508
- Medium, High, or Higher light output – based on shelf application
- Mount in top or bottom of shelf

**LED Tape Light**
ilumaLED Radiance Series page 522
- Medium light output
- 18 diodes per foot
- Recessed aluminum housing available
- High light output – recommended in recess housing
- 36 diodes per foot
- Recessed aluminum housing available

**RGB Tape Light**
ilumaLED RGB Inferno Series page 548
- Install for multi-color effect or select color effect
- 18 diodes per foot
- Recessed aluminum housing available

**LED Puck Light**
ilumaLED Pearl Series page 534
- Medium light output
- Includes two lenses
- Recess or Surface Mount
- Medium light output
- Includes two lenses
- Recess or Surface Mount

**LED Puck Light**
ilumaLED Vivid Ultra Thin Series page 536
- Medium light output
- Surface Mount Only

Section View: SR9Q-8ND2-F30
Section View: L-VMW600-16-30
Section View: L-RMW300-16-30
Section View: L-RGB-M300-16
Section View: L-PS-FR-3BK-30
Section View: L-PS-FR-3BA-30
Selecting Lighting for Floating Cabinets

Add low-level lighting under floating cabinets for a soft, sophisticated glow, perfect for a spa-like feel in the bathroom, or a nighttime safety feature when used with a motion sensor.

**Angled Strip Light Fixture**
sempriaLED S Series page 506
- Medium light output
- Mount at front of cabinet with light focused toward back wall

**Mini Angled Strip Light Fixture**
sempriaLED A Series page 504
- Medium light output
- Mount vertically in corner behind face frame

**LED Tape Light**
illumaLED Radiance Series page 522
- Medium light output
- 18 diodes per foot
- Aluminum housing available

**LED Tape Light**
illumaLED Drizzle Series page 524
- Low light output
- 9 diodes per foot
- Aluminum housing available

**RGB Tape Light**
illumaLED RGB Inferno Series page 548
- Install for multi-color effect or select color effect
- 18 diodes per foot
- Aluminum housing available

**Motion Sensor Switch**
Sensors and switches page 547

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Selecting Lighting for Stair Steps

Tuck lighting directly under or behind the overhang trim of a stair tread for increased safety at night.

Add sensor switches for hands-free convenience.

**Angled Strip Light Fixture**
sempraLED S Series page 506
- Medium light output
- Install under nosing

**Mini Angled Strip Light Fixture**
sempraLED A Series page 504
- Medium light output
- Mini profile, install under nosing

**LED Tape Light**
illumaLED Radiance Series page 522
- Medium light output
- 18 diodes per foot
- Aluminum housing available

**LED Tape Light**
illumaLED Drizzle Series page 524
- Low light output
- 9 diodes per foot
- Aluminum housing available

**RGB Tape Light**
illumaLED RGB Inferno Series page 548
- Install for multi-color effect or select color effect
- 18 diodes per foot
- Aluminum housing available

**Motion Sensor Switch**
Sensors and switches page 547
Install Tape Light directly beneath a stair railing, or route a channel into the bottom of the rail and recess a strip light fixture for an inviting alternative to ceiling lighting.

Add sensor switches for a safety nightlight and hands-free convenience.

**Mini Strip Light Fixture**
sempriaLED F Series page 502
- Medium light output
- Install in routed channel under rail

**LED Tape Light**
illumalED Radiance Series page 522
- Medium light output
- 18 diodes per foot
- Aluminum housing available

**LED Tape Light**
illumalED Drizzle Series page 524
- Low light output
- 9 diodes per foot
- Aluminum housing available

**RGB Tape Light**
illumalED RGB Inferno Series page 548
- Install for multi-color effect or select color effect
- 18 diodes per foot
- Aluminum housing available

**Motion Sensor Switch**
Sensors and switches page 547

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Selecting Lighting for Outdoor

Enjoy the ambiance of your outdoor living space with lighting installed under deck rails, stair treads, and soffits. Use to enhance architectural features, such as planters and benches, or to draw attention to the texture of stone or wood fireplaces, cabinet bases, and pillars.

**LED Tape Light**
illumaLED Vivid Series page 520
- High light output
- 36 diodes per foot
- Aluminum housing available
- Protective Micro Waterproof Coating – IP65 rated
- 3M™ 300LSE waterproof adhesive tape

**LED Tape Light**
illumaLED Radiance Series page 522
- Medium light output
- 18 diodes per foot
- Aluminum housing available
- Protective Micro Waterproof Coating – IP65 rated
- 3M™ 300LSE waterproof adhesive tape

**LED Tape Light**
illumaLED Drizzle Series page 524
- Lower light output
- 9 diodes per foot
- Aluminum housing available
- Protective Micro Waterproof Coating – IP65 rated
- 3M™ 300LSE waterproof adhesive tape

**RGB Tape Light**
illumaLED RGB Inferno Series page 548
- Install for multi-color effect or select color effect
- 18 diodes per foot
- Protective Micro Waterproof Coating – IP65 rated
- 3M™ 300LSE waterproof adhesive tape
Use the sempriaLED Price by the Foot program to quickly specify, quote, and sell sempriaLED SG9 or sempriaLED F Series under cabinet lighting, priced by the foot.

You calculate the number of feet of sempriaLED lighting needed for the project, and we prived three Price by the Foot quotes – Good-Better-Best – for the lighting and all accessories like power supplies and wire. Quickly calculate three price quotes in three price ranges!

1. Contact your Hardware Resources salesperson to obtain your Price by the Foot level for our Good Package, Better Package, and Best Package

2. Measure (in inches) the full width of each cabinet to be illuminated, including any fillers

3. Divide the total number of inches by 12, carried to two decimal points (ex. 123" = 10.25 feet)

4. Multiply this number of feet by the Price by the Foot level for each package. These three quotes are your net cost for all parts and pieces to beautifully light your under cabinet project!

**STEP 1**  
Choose an option for your budget

**Best Package**
- Higher light output – 1/2 watt LEDs
- Uses maximum fixture size for space available
- Comes with mounting brackets, power supply, 10 feet of wire, and WireWay for concealing all wiring
- Premium price point

Products used in Best Package
- 6" SG9-6ND3-MountColor-FTemp
- 12" SG9-12ND6-MountColor-FTemp
- 18" SG9-18ND6-MountColor-FTemp
- 24" SG9-24ND12-MountColor-FTemp
- 30" SG9-30ND15-MountColor-FTemp
- 36" SG9-36ND18-MountColor-FTemp
- 42" SG9-42ND21-MountColor-FTemp
- 48" SG9-48ND24-MountColor-FTemp

**Better Package**
- High light output – 1/4 watt LEDs
- Uses maximum fixture sizes for space available
- Comes with 10 feet of wire and power supply
- Medium price point

Products used in Better Package
- 6" SF9Q-6ND2-FTemp
- 12" SF9Q-12ND4-FTemp
- 18" SF9Q-18ND6-FTemp
- 24" SF9Q-24ND8-FTemp
- 30" SF9Q-30ND10-FTemp
- 36" SF9Q-36ND12-FTemp
- 42" SF9Q-42ND14-FTemp
- 48" SF9Q-48ND16-FTemp

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Good Package

- High light output – 1/4 watt LEDs
- Uses shorter fixtures compared to Best and Better options
- Lowest price point

Products used in Good Package

- 6” SF9Q-6ND2-FTemp
- 12” SF9Q-12ND4-FTemp
- 18” SF9Q-18ND6-FTemp
- 24” SF9Q-24ND8-FTemp
- 30” SF9Q-30ND10-FTemp
- 36” SF9Q-36ND12-FTemp
- 42” SF9Q-42ND14-FTemp
- 48” SF9Q-48ND16-FTemp

STEP 2  Measure your cabinet

- Measure in inches the full size of each cabinet in the lighting zone, including any fillers (do not include cabinets with no lighting planned)

- Divide total number of inches by 12 (one foot), carried to two decimal points (123 in. = 10.25 feet)

- Choose your package (Good, Better, Best) based on budget and design

- Multiply number by the Good, Better, Best level you have selected for your net cost

- Add your product cost, labor cost, mark-up, and present to your customer

- When ready to order, send floor plan and elevations to DesignAndSupport@TaskLighting.com, along with your purchase order

- Included in your product shipment, you will receive your plan showing the location of each fixture
**Layout for Best Package and Better Package**

42” + 24” + 30” + 27” + 27” = 150”
Divide by 12 = 12.5 Feet

**Parts Used**

1 – 12” – Strip Light Fixture – SG9 Series (Best) or Mini Strip Light Fixture – F Series (Better)

3 – 24” – Strip Light Fixture – SG9 Series (Best) or Mini Strip Light Fixture – F Series (Better)

1 – 36” – Strip Light Fixture – SG9 Series (Best) or Mini Strip Light Fixture – F Series (Better)

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**Layout for Good Package**

42” + 24” + 30” + 27” + 27” = 150”
Divide by 12 = 12.5 Feet

**Parts Used**

1 – 12” – Mini Strip Light Fixture – F Series (Good)

3 – 18” – Mini Strip Light Fixture – F Series (Good)

1 – 30” – Mini Strip Light Fixture – F Series (Good)