High Efficiency • Low Profile • Plug N’ Play
The magic of solid-state lighting is found in its ability to deliver precise amounts of light from compact spaces. The compact linear UNDERLINE Series delivers a range of easy to install, ultra low profile products designed to accent or light walls, ceilings, shelves, desks, floors and more. Plug N' Play accessories make installation easy and it's backed by industry leading testing to comply with the strictest of codes.
**Contents**

**UnderLine**
The UnderLine is an ultra low profile under-cabinet luminaire. UNL comes in a 12 in, 20 in, or 39 in lengths and 3000K or 4000K color temperatures.  

**CornerLine**
The CornerLine is a low profile under-cabinet luminaire. CNL comes in a 12”, 20” or 39” lengths and 3000K or 4000K color temperatures.  

**OverLine**
The OverLine is a slim, elegant pendant luminaire with adjustable suspension system available in 39” or 51” lengths with 3000K or 4000K color temperatures.  

**Applications**
Application photos exhibiting retail space, office interiors and creative restaurant settings.
CONSTRUCTION

Sturdy Polycarbonate Lens – White or Clear

High quality surface mounted LEDs backed by LM-80 lumen depreciation test data, selected for 4-step MacAdam Ellipse color consistency.

Snap-On Rail Mounting

Sealed Anodized Resistant Structure

4-Step MacAdam Ellipse 3000K or 4000K

90° Beam Angle

LM-80 LEDs LM-79 Performance Photometry

Over 70 Lumens /Watt
Over 250 Lumens /Foot

Exclusive flexible graphite thermal spreader layer that optimizes thermal conductivity from LEDs into underlying thermal dissipation layer.

Heavy copper thermal dissipation layer.

High performance thermally conductive adhesive backing that further optimizes heat extraction.

Strong extruded aluminum housing.

The new linear UNDERLINE offers a plug-n-play system that has an ultra low-profile design that’s perfect for lighting walls, ceilings, shelves or floors with dimmable control lighting.

Snap-On Rail Mounting

Easy Plug N’ Play System

Class II 24V DC

UNL UnderLine
COMMERCIAL GRADE

LM-80 Tested LEDs Deliver Over 60,000 Hours > L70

Sealed Anodized Resistant Structure

Over 70 Lumens /Watt
Over 250 Lumens /Foot

Flexible PCB.

Thermal vias to tie LED to underlying thermal substrate.

High reflectance solder mask.

Available with Clear or White Lens
### SPECIFICATIONS

- **color temperature**: 3000K, 4000K
- **beam spread**: 90°
- **lumen output**: 260, 290
- **LEDs per foot**: UL-1: 42, UL-2: 72, UL-3: 144
- **color consistency**: 4-step MacAdam Ellipse
- **lifetime**: > 60,000 hours / >L70
- **input voltage**: 24V DC
- **power consumption**: UL-1: 4W, UL-2: 6W, UL-3: 12W
- **dimensions**: [L x W x H] A x 1.3 in x 0.3 in
- **weight**: 0.25 lbs
- **housing**: extruded anodized aluminum
- **lens**: clear or white polycarbonate
- **mounting**: surface mount bracket with clips
- **operating temperature**: -20°C to 40°C
- **power supply**: Class II
- **certification**: ETL / cETL / CE
- **standards**: UL-Class II / CE Class II / IES LM-79 / LM-80
- **warranty**: 5 year limited warranty (refer to website for details)

### Dimensions

- **“A” Dimension**:
  - 1 300mm [12 in]
  - 2 500mm [20 in]
  - 3 1000mm [39 in]

- **Straight Connector**:
  - 8mm [0.3 in]
  - 15.8mm [0.625 in]

- **Corner Connector**:
  - 38mm [1.5 in]
  - 44.5mm [1.7 in]

### Distribution

- **Bracket**
- **Screw**
- **Fixture**

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**Bracket**

**Screw**

**Fixture**
UNL UnderLine

ACCESSORIES

<table>
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<tr>
<th>Accessory</th>
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Actual Size UnderLine Profile
The UnderLine system is a complete system, from power supply to light source. When assembled using the components provided, complies with NEC Article 411(A) requirements for Lighting Systems Operating at 30 Volts or Less.
UnderLine SERIES
APPLICATIONS

Retail
CONSTRUCTION

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4-Step MacAdam Ellipse 3000K or 4000K

Sealed Anodized Resistant Structure

90° Beam Angle

LM-80 LEDs

LM-79 Performance Photometry

Flexible PCB.

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Snap-On Rail Mounting

Easy Plug N’ Play System

Class II 24V DC

The new linear CORNERLINE offers a plug-n-play system that has a low-profile design that’s perfect for lighting walls, ceilings, shelves or floors with dimmable control lighting.

Over 70 Lumens/Watt

Over 250 Lumens/Foot

LM-80 Tested LEDs Deliver Over 60,000 Hours > L70

Sealed Anodized Resistant Structure

Compact and Sturdy in every way.

CNL CornerLine

COMMERCIAL GRADE
SPECIFICATIONS

color temperature 3000K, 4000K | beam spread 90° | lumen output 260, 290 | LEDs per foot CNL-1: 42, CNL-2: 72, CNL-3: 144
color consistency 4-step MacAdam Ellipse | lifetime > 60,000 hours / > L70 | input voltage 24V DC | power consumption CNL-1: 4W, CNL-2: 6W, CNL-3: 12W
dimensions [L x W x H] A x 1.3 in x 0.7 in | weight 0.4 lbs | housing extruded anodized aluminum | lens clear or white polycarbonate
mounting surface mount bracket with clips | operating temperature -20°C to 40°C | power supply Class II | certification ETL / cETL / CE
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*A Design So Sleek*  
*It Seems A Shame*  
*To Have To Hide It.*
Features

- **Low Profile** - hidden aesthetic
- **Linkable** - easy installation
- **Integrated** - efficient LEDs
- **Useful Life** - 60,000 hours
- **Energy** - delivers maximum brightness using up to 85% less energy – up to 4x’s more efficient than halogen.
Solid State Luminaires manufacturers the next-generation of LED technology at an affordable cost. Nine years of exhaustive research and development, a network of world-wide partners and utilization of the best technology available has culminated to form Solid State Luminaires, your premier LED solution provider.

Unlike stand-alone conventional incandescent light bulbs and fluorescent sources, the performance of LED-based lighting depends heavily on fixture design to minimize performance-robbing thermal build-up and control excessive and wasteful beam spread. Refer to our expansive product line for the highest performing, most efficient LED products on the market.

Our interior LED solutions offer not only affordability and energy efficiency, but also a high level of flexibility in optical controls.

Our dramatic exterior lighting solutions offer opportunities to create complete, fully integrated building and grounds treatment.

Quality that comes with a guarantee

In the emerging space of solid-state lighting, customers need to ensure that the products they select come from a source they can trust and depend on. Solid State Luminaires realizes that building this trust requires an intense and focused effort to back up any claims of performance and quality. As substantiation of our commitment, we offer an industry leading 5 year limited warranty.

For complete warranty information, please consult the factory or visit www.solidstateluminaires.com

Due to continuous development and improvements, specifications are subject to change without notice.