



Slite **LED**  
[www.intralux.com](http://www.intralux.com)



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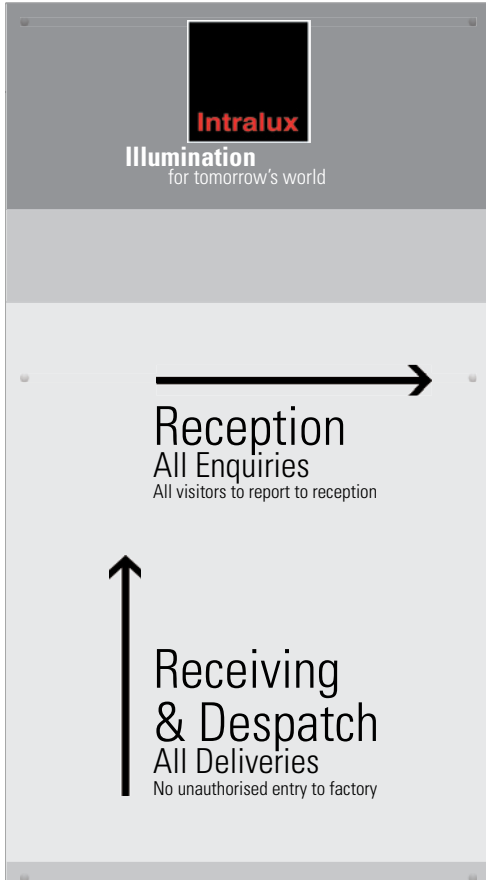
# Slite LED

## miniature under cabinet / shelf lighting system

- An application-driven design, **Slite LED** encompasses all that designers, installers and end users would want to find in a high performance, miniature under cabinet / shelf lighting system.
- A key performance property of **Slite LED** is the **95+ CRI** (Colour Rendering Index) LED package incorporated inside the fixture. This LED package enables exceptional colour rendering of product / merchandise being lit, offering almost perfect, natural colour rendition.
- Small in size, **Slite LED** has a maximum **height of 14mm** whilst still incorporating significant **LED cooling** ability both internally and externally assuring perfect thermal management.
- **Slite LED** is the next generation product in the Intralux' **Slite** Product Family, known for its incredible success within the retail and joinery industry.
- Utilizing a **Remote driver**, and a **constant voltage** LED systems, the product offers a very small dimensional footprint coupled to outstanding illumination outcomes.
- A large array of colour options varying from warm white through to cool white (**2700K, 3000K, & 4000K**),
- All cables included with **Slite LED** are colour co-ordinated to the product colour finish selected.
- Compatible with most dimming platforms including **Analogue** (1-10V), **DSI / SwitchDim / PushDim** and **DALI**.
- Utilizes a **24VDC** power connection and **factory fitted connectors** for rapid, safe installation.
- Intralux Australia offers a **5 Year Limited Warranty** on **Slite LED**.

# Intralux Australia

Illumination for tomorrow's world



A specialist category luminaire product development company, commenced operation more than 30 years ago in 1986, headquartered in Brisbane, Australia. **David Tilbury**, our Founder and industry identity has led the company across the globe with exceptional levels of market penetration in Europe, Asia, the Middle East and North America. Our leading edge product development delivers true world class, award winning products for use by professional lighting, architectural and building services designers. Total commitment to ISO 9001 Quality Systems ensures every aspect from product design to distribution are seamlessly and systematically managed.





Reception  
Reception & Security

# Design Guide

## Product placement

Designed specifically as an undercabinet / shelf lighting system, **Slite LED** is the only choice for high quality, directed light. Designed to distribute light evenly from the front edge of a cabinet with minimal light spill out of the cabinet space, to minimize glare to viewer and maximize visual comfort.

Front of open shelf position:



Front of shelf position (behind return):





04-05



# Light Quality

a higher CRI produces more natural colours

## What is the Colour Rendering Index (CRI)

CRI (Colour Rendering Index) is a measure of the degree of colour shift a lit object undergoes when illuminated by a light source (i.e. an LED lightsource) compared with the colour of that object when illuminated by a reference source (i.e. sunlight) using comparable colour temperatures. The spectrum is broken into 15 reference colours and are measured on a scale of 1-100, the higher the number the better the lightsources ability to render that colour.

Full Spectrum of 'R' Values  
Colour Rendering Index



Colour Rendering Quality is one of the most important aspects of professional lighting design. In particular, designers of interior spaces, especially in retail and hospitality applications where Colour Rendering is taken very seriously in order to produce a high quality visual experience for the end user.

The 'R9' Value is a common comparison point when discussing high quality LED luminaires. The 'R9' Value relates to red tones and a lightsources ability to reproduce these tones. This tone in particular is such a crucial point in the index as red tones surround us all the time everyday! From skin tones, to clothing, and even in the butcher or supermarket.

## Does CCT affect CRI?

The two light characteristics of CCT (Colour Temperature) and CRI (Colour Rendering Index) cannot be interchanged nor can they be considered as more important than one another.

Colour Temperature of a light source is the hue of light that is emitted from the light source (i.e. Warm White, Cool White, Day light etc)





# Specification Slite LED

| Product Code                     | SLLED-5   | SLLED-10 | SLLED-20 |
|----------------------------------|---|----------|----------|
| Finished Fixture Length          | LED Increment + 20mm  |          |          |
| Fixture Wattage Per Meter (W/m)  | 4.8W/m  | 7.9W/m   | 16.6W/m  |
| Fixture Lumens Per Meter (lms/m) | 299lms/m  | 492lms/m | 966lms/m |
| LED Colour (K)                   | 2400K (924) / 2700K (927) / 3000K (930) / 4000K (940)   |          |          |
| House Material and Finish        | Satin Black Anodized Aluminium (BA) / Black Texture Powdercoat (BT) / White Pearl Powdercoat (WP) / White Texture Powdercoat (WT) |          |          |
| Dimming                          | Fixed Output (F) / DALI & Push Dim (DALI) / 1-10V Dimmable (1-10V) / Casambi (CAS)  |          |          |
| Mounting Options                 | 3M Specialized Double sided tape  |          |          |

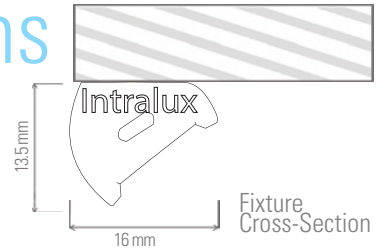
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|-----------------------------------|----------------------------------|
| CRI (Colour Rendering Index)      | 94                               |
| LED Module Life                   | L80 B10 > 50,000 hours           |
| Max. Verified Ambient Temperature | 40°C                             |
| Input Voltage                     | 24V Constant Voltage             |
| Colour Consistency                | 3 SDCM                           |
| Max Interconnected Run Length     | 5m                               |
| Viewing Angle                     | 120 °                            |
| Ingress Protection (IP) Rating    | IP40                             |
| Connection to PSU                 | Hardwire tails via starter lead  |
| Connection between fixtures       | Plug+Go Male / Female Connectors |
| Warranty Period                   | 5 Years                          |

Standard accessories included with each Slite LED Fixture:  
1 x SLLED-SL1 - 1 metre Slite LED Starter Lead & Factory Applied Adhesive backing

## Compliance



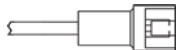
## Dimensions



## Accessories



300mm Extension Lead  
(Part No: SLLED-EL1)



1,000mm Starter Lead  
(Part No: SLLED-SL1)

## Product code

SLLED-20-TM-BA-2520-930-DALI

Slite LED  
Product

Wattage

Mounting

Finish

Length

CRI / Colour  
Temperature

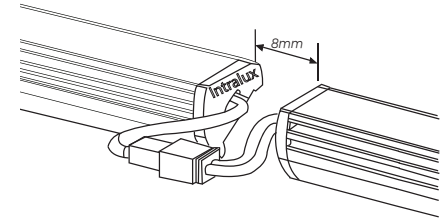
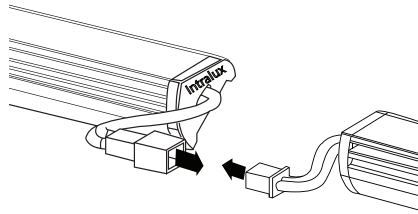
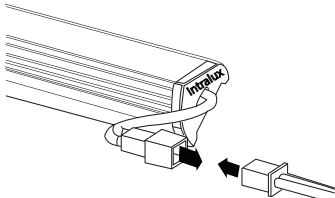
Dimming

# Installation

## electrical connections / configurations / mounting

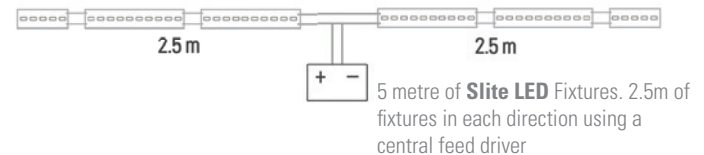
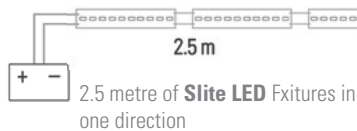
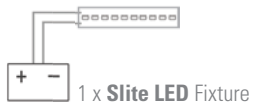
### Electrical Connection:

1. Connect starter lead to the fixture closest to the Power Supply Unit (PSU) location.
2. Interconnect modules utilising the 'plug+go' micro connectors as shown.
3. Finalise connection using micro connectors at the end of each fixture.



**NOTE:** Mount products so that cables and connectors will not be exposed to excessive stress. Interconnected fixtures **MUST NOT** have a gap of less than 8mm between ends. Ensure accessories, cables and connectors are positioned such that they will not impede output or cast a shadow.

### Power configurations (examples):



### Mounting options:

Adhesive Tape



### Remember:

**Slite LED** is designed to be positioned at the front edge of a shelf to give maximum illumination to the shelf interior.



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