

# Cree® LS Series

LED Surface Ambient Luminaire



## PERFORMANCE TUNED TO PRIORITIES.

### Exceptional Efficiency AND Remarkable Color Rendering

Cree's LS Series now offers performance options tuned to your priorities: the new efficiency-optimized LS-FD High Efficiency for maximum energy savings, and LS TrueWhite® for exceptional color rendering. The LS-FD delivers high-quality white light with 82+ CRI at a stellar 130 LPW to capture DLC 4.0 Premium rebates for maximum energy efficiency and savings. Where color matters most, the LS TrueWhite® delivers 92 CRI color quality at an efficient 103 LPW.

### Slim, Minimalist-Inspired Design

The LS Series surface ambient's uniquely flexible and elegant form factor beautifully outshines box-like fluorescent strip and wrap luminaires. Only 3" wide and less than 3" deep, the full-length lens housing allows multiple LS Series fixtures to be quickly installed for a near-seamless run of uniform illumination.

### Versatile Mounting Options

Both the LS TrueWhite® and LS-FD High Efficiency offer broad utility and aesthetic appeal across multiple applications – either as individual luminaires or in continuous rows. Either is an outstanding choice for surface-, suspended-, cove- or pendant-mounted applications for retail, industrial, commercial, corporate, institutional and educational environments.

### Reliably Fast and Easy Installation

Both the LS-FD High Efficiency and LS TrueWhite® come with significant enhancements to ensure faster, easier installation, including a factory-installed through wire option allowing installers to mate LS Series fixtures into continuous rows with one click. Other new installer aids include simplified wire management, pull tabs to ease removal of the lens assembly and suspension cables allowing the lens assembly to hang hands-free during wiring.

**CREE**  TM

# CREE® LS SERIES LED SURFACE AMBIENT

Cree redefines the surface ambient category with the LS-FD High Efficiency and LS TrueWhite® — the perfect duet of maximum savings and beautiful illumination. Available in both 4-foot and 8-foot lengths with 0-10V dimming to 5%, the Cree LS Series provides a fresh approach to traditional fluorescent strip and wrap fixtures with a full range of lumen options up to 10,000, optional reflectors and 70,000 hours of rated lifetime.

PERFORMANCE SUMMARY
<b>Lumens:</b> 2,500 – 5,000 (4'), 8,000 – 10,000 (8')
<b>LPW:</b> LS-FD – 130; LS TrueWhite® – 103
<b>Color Temperature:</b> 3500K, 4000K or 5000K
<b>CRI:</b> LS-FD – 82+; LS TrueWhite® – 92+
<b>Mounting:</b> Surface, suspended, cove or pendant
<b>Input Voltage:</b> 120-277, 347 VAC, 60 Hz
<b>Dimming:</b> 0-10V dimming to 5%*
<b>Limited Warranty†:</b> 10 years

MOUNTING OPTIONS
<ul style="list-style-type: none"> <li style="width: 33%;">• Surface ceiling</li> <li style="width: 33%;">• T-Grid</li> <li style="width: 33%;">• Suspended</li> <li style="width: 33%;">• Surface wall</li> <li style="width: 33%;">• Cove</li> </ul>

## FAST AND EASY INSTALLATION



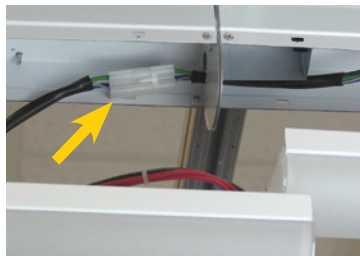
**Pull tabs for easy lens removal**



**Suspension cable allows lens to hang hands-free during wiring**



**Simplified wire management**

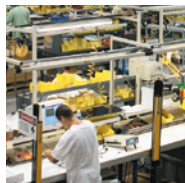


**Factory-installed through wire option making continuous rows a snap**

## APPLICATIONS



**Retail**  
Customers won't buy what they can't see. With elegant design and exceptional color rendering, the Cree LS TrueWhite® luminaire delivers better quality light and performance, at a great price. Highlight products and help focus your shopper's attention on buying.



**Industrial & Warehouse**  
For suspended task lighting needs, the LS-FD High Efficiency luminaire delivers maximum energy savings with higher lumens and better quality output than traditional fluorescent fixtures. Better light means uniform illumination, all down the line, so your employees can focus on the task at hand.



**Corporate Campus**  
Cree's LS Series creates appealing visual environments to help impress visitors and enable employees. Clean lines and balanced light distribution promote greater employee productivity while attractive pricing and impressive energy and maintenance savings color the bottom line green.

## ACCESSORIES



**LED Surface Ambient Luminaire with Solid Reflectors:**  
• LS4-SR 4-foot  
• LS8-SR 8-foot



**LED Surface Ambient Luminaire with Apertured Reflectors:**  
• LS4-AR 4-foot  
• LS8-AR 8-foot

Product specifications subject to change at any time.  
\*Visit <http://creecanada.com/products/interior/surface-ambient/ls-series/> for recommended dimming controls and wiring diagrams.

†See [www.cree.com/canada](http://www.cree.com/canada) for warranty terms.

Visit [www.cree.com/canada](http://www.cree.com/canada) or contact a Cree lighting representative to learn more

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