

Cree® FLEX Series

LED Spec-Grade Troffer



A TROFFER WITH A SENSE OF STYLE. YOURS.



Freedom of Expression

With a unique lens design, multiple lumen options and a selection of customized inner optics, the FLEX Series troffer offers remarkable design freedom to complement the designer's vision for the illuminated space. Five inner optic choices create distinctive environments with just one fixture to specify. And for narrow plenums, the FLEX Series' sleek 3" housing is as attractive as it is accommodating.

Expanded Applications

By providing higher lumen packages that allow for increased mounting heights up to 20', the FLEX Series opens up new markets and applications in open ceiling office spaces and retail / big box stores. These packages also offer up to 6000 lumens of superior, low-glare illumination, ideal for more light-intensive applications such as hospital and school environments where code can require >75 footcandles.

Premium Performance for Demanding Specifications

A unique player in the spec-grade market, the FLEX Series is ideal for even the most challenging energy savings and control specifications. With standard 1% dimming, light levels can be easily adjusted for more lighting control and flexibility to adapt to ever-changing conditions. 145 LPW DLC Premium performance and SmartCast® Technology for intelligent lighting control make this a troffer that will be appreciated by all.

Finally – A Luminaire That Dims Responsibly

The FLEX Series troffer's 1% dimming with 0-10V controls drastically reduces flicker and strobing, which can minimize fatigue, headaches and stroboscopic hazards. So the FLEX Series can help increase productivity and improve video telepresence applications in the office and classroom, and can improve visual comfort in healthcare settings.

CREE 

A TROFFER THAT COMPLEMENTS YOUR DESIGN INSTEAD OF LOOKING DOWN ON IT.

Architects, specifiers and lighting designers are on a never-ending search for lighting that is distinctive yet also meets real-world demands for performance and visual comfort. The FLEX Series from Cree gives you the flexibility and freedom of expression to complement your vision for design illumination, liberating you from cookie-cutter troffer choices and trade-offs in efficacy while freeing end users from inflexible illumination, shifting colours and bothersome flicker. The FLEX Series simplifies the job by blending aesthetic appeal, design flexibility and premium performance into an expansive selection of lighting options.

UP TO
145 LPW
FOR EXCEPTIONAL
ENERGY SAVINGS



Five inner optic choices create distinctive environments

0-10V dimming to 1% virtually eliminates flicker and stroboscopic effects

Optional SmartCast® Technology lighting controls meet rigorous energy savings and control specifications

WIDE RANGE OF
LUMEN OPTIONS:
3200 TO 6000
ADDRESS MOUNTING
HEIGHTS UP TO 20 FEET

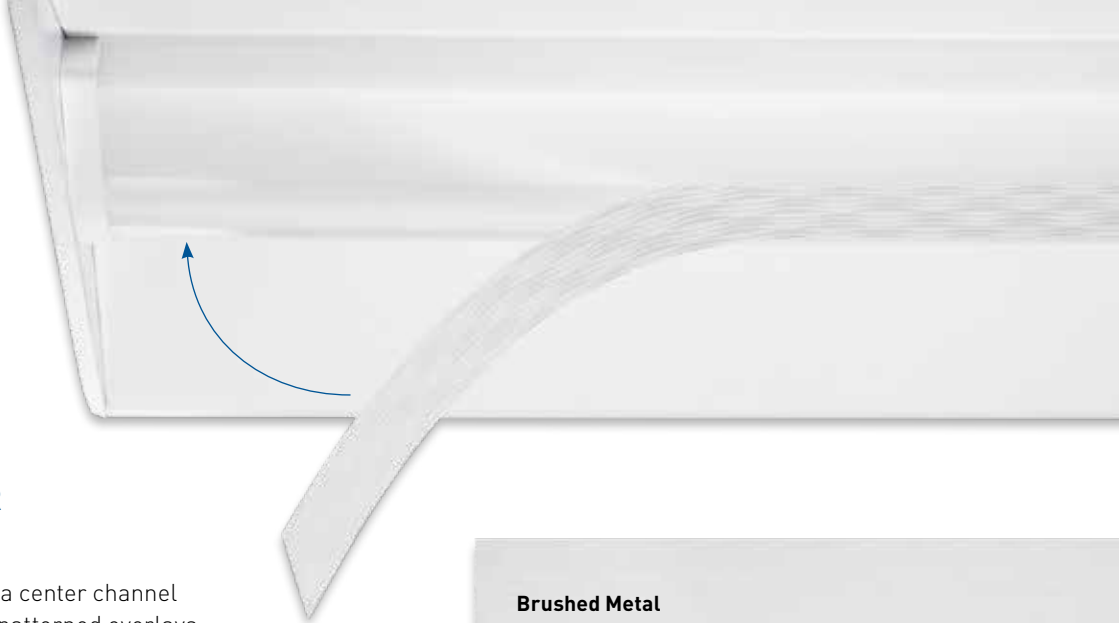


Sleek, wide-basket illumination

Low-glare, broad light distribution meeting IES recommended practices

**DLC PREMIUM
CERTIFICATION**
FOR MAXIMUM REBATE
OPPORTUNITIES

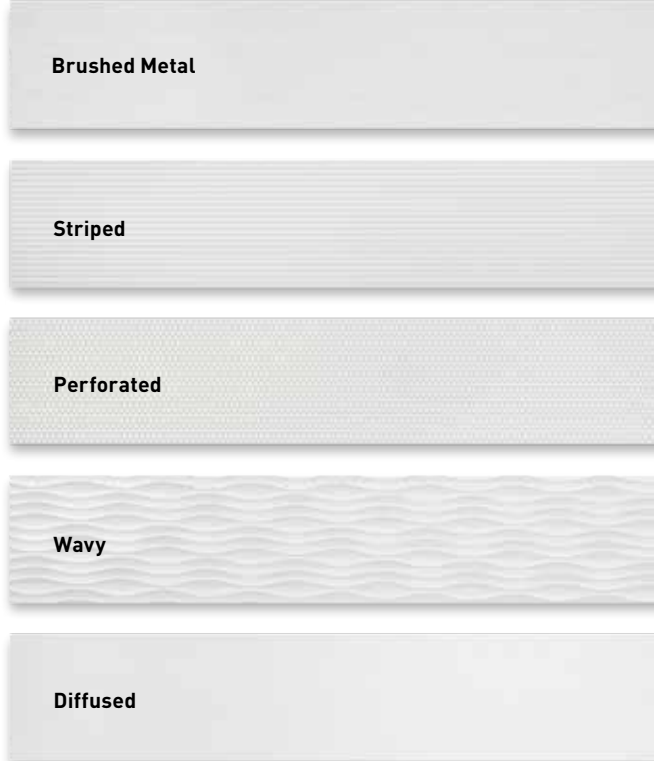




INNER OPTIC DIFFUSER DESIGN ACCESSORIES

The FLEX Series design features a center channel with a choice of interchangeable patterned overlays for a distinctive look. Five inner optic choices create unique environments — with just one fixture to spec.

PERFORMANCE SUMMARY
Initial Delivered Lumens: 3,200 – 6,000 lumens
Input Power: 25 - 47 watts
Efficacy: Up to 145 LPW
CRI: 83
CCT: 3000K, 3500K, 4000K, 5000K
Input Voltage: 120-277 VAC or 347 VAC
Limited Warranty: 10 years
Mounting: Recessed; room-side accessible removable lens
Dimming: 0-10V dimming to 1%; SmartCast® Technology



A TROFFER THAT MAKES LIGHT WORK OF LIGHTING DESIGN CHALLENGES

BETTER CHOICES

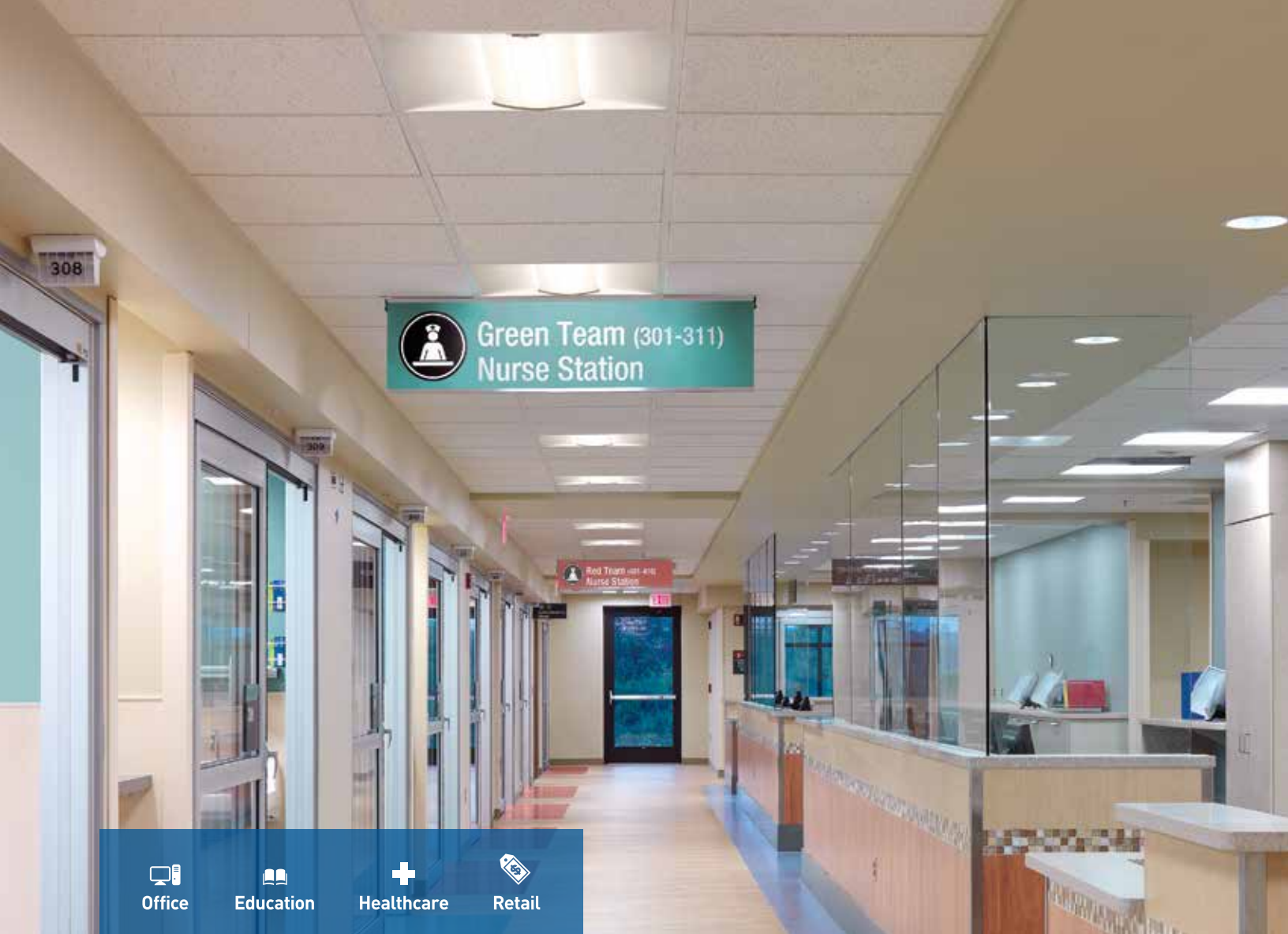
- Design flexibility offers freedom of expression to complement a specifier's unique vision for the illuminated space.
- Higher lumen packages support the entire troffer specification with low and high-end illumination applications (lobby, cafeteria, patient room, corridors, classrooms, offices).
- From warm to cool colour temperatures, Cree has you covered for whatever ambience you envision.

BETTER LIGHT

- Wide-basket design offers low-glare, uniform illumination with broad light distribution.
- Illumination levels can be adjusted for task work and presentations or for personal preference.
 - Staff can adjust illumination levels to aid patient care and to help patients feel more comfortable with low 1% dimming.
 - Teachers can match class activities, enhance learning and keep students engaged.

BETTER PERFORMANCE

- Flicker control with 0-10V dimming to 1% can reduce headaches and stroboscopic hazards while improving the performance of CCTV, video and presentation applications.
- High efficiency up to 145 LPW helps meet corporate energy efficiency and sustainability goals.
- Lower energy usage maximizes DLC-Premium rebate eligibility, shortening payback and increasing ROI.



KEY APPLICATIONS

Designed with the specifier in mind, the FLEX Series opens higher mounting height applications like open-office or retail big box spaces, or education and healthcare areas that require higher footcandles for task work. In addition, 1% dimming is now standard for applications that demand deep dimming.

FLEX SERIES FEATURES



Removable lens for easy maintenance.



Slim 3" housing fits almost any plenum.

Visit cree.com/canada or contact a Cree lighting representative to learn more.

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