



65 Fahey Drive, Brampton, Ontario L6Y 0N8

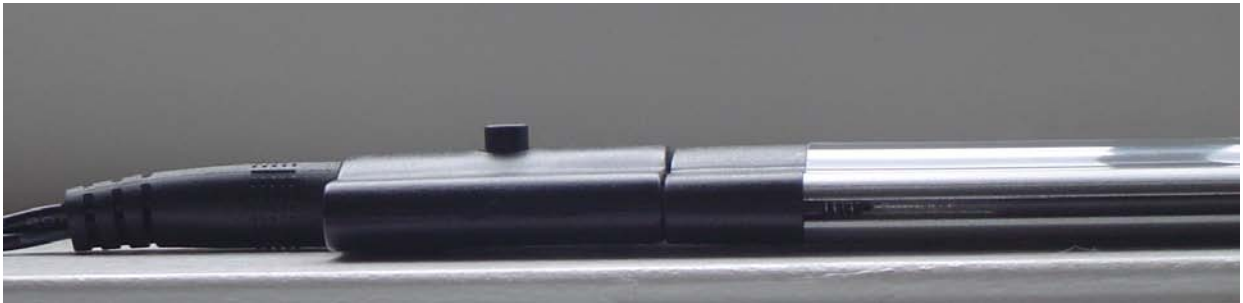
Tel: 905-451 5180

web: [www.canadaleds.com](http://www.canadaleds.com)

**DÜNN**®

Deutsch-Technologie für eine bessere Licht

**The Worlds *slimmest* under cabinet lighting**



#### **Highlights/Feature**

Super Slim only 8.00mm high (Worlds slimmest Under cabinet/Task lighting)

Easy Installation

Easy assembly

#### **Benefits**

- Energy saving up to 50% compared with traditional fluorescent under the same flux
- Life Span - over 50,000 hours
- Available in cool white, neutral white, and warm white color temperatures;
- Available in other colors
- No harmful ultraviolet (UV) rays
- Easy linking up to 36 watts per run
- Easy installation
- Available in three different sizes

#### **Application:**

LED show case lighting;

LED shelf lighting;

LED under counter lighting;

LED display case lighting;

LED retail product Lighting;

LED Furniture Lighting;

LED bookcase lighting;

LED wardrobe lighting;

LED wine cabinet lighting;

LED under cabinet lighting;

LED kitchen cabinet lighting;

LED cove lighting;

LED accent lighting;

LED task lighting;

LED product line lighting



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### Technical Features

Dimension: 33 mm (W) x 8 mm (H) x L(As chart below)  
Material: Aluminum extrusion with black plastic end caps, Acrylic lens  
Operating Temperature: -20°C to 40°C – Indoors  
Installation: 2 Mounting Clips and 2 M2.6x10 screws make it easy to install

Beam Angle: 120°  
Operating Voltage: 12 VDC

### ORDERING GUIDE

Part Number	Length (mm)	Color Temperature	Light Output (Lumens)	Power (Watts)	Input Voltage
CL-Dunn-L1	300	2700~6500°K	200	3.0	12/24
CL-Dunn-L2	500	2700~6500°K	350	5.0	12/24
CL-Dunn-L2	1000	2700~6500°K	700	11.0	12/24

### Accessories

On/Off Switch



Dimmer Switch **NEW**-To be released shortly



## CONNECTORS

### PIN TYPE-A-STRAIGHT



### PIN TYPE-B-RIGHT ANGLE

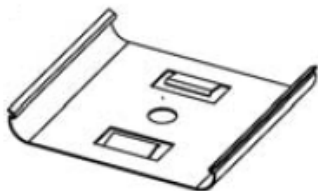


## CONNECTION CABLE

### CABLE TYPE A



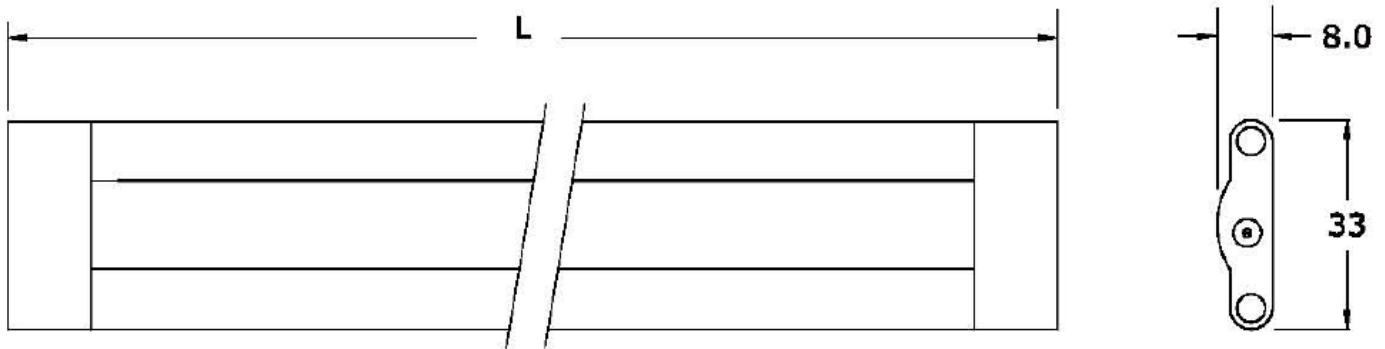
### Mounting Clip



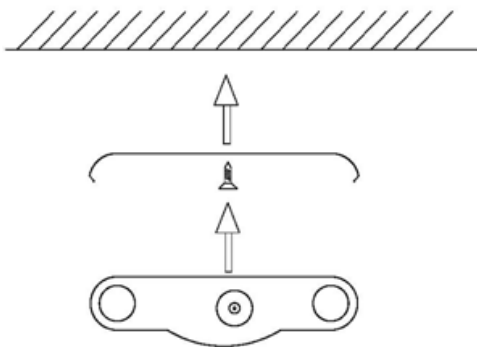
## DC Receptacle



## Illustration

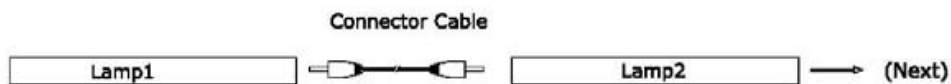


## Installation Guide



## Connection Guide Using

1. Connector Cable



2. Connector Pin



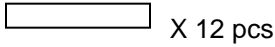


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**CONNECTION INFORMATION**

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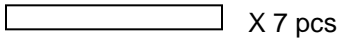
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Length 300 mm



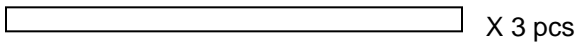
X 12 pcs

Length 500 mm



X 7 pcs

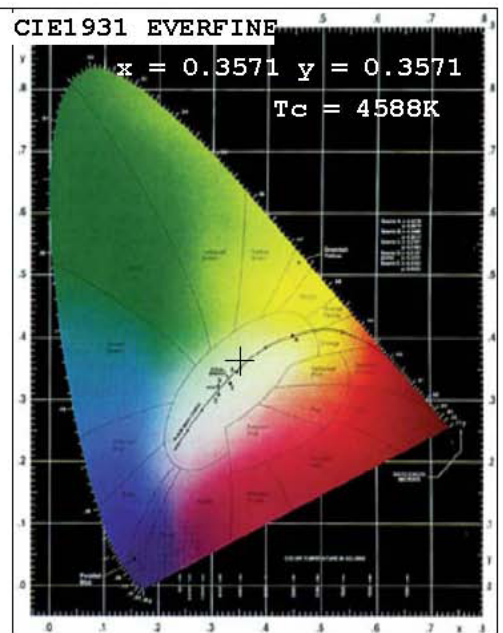
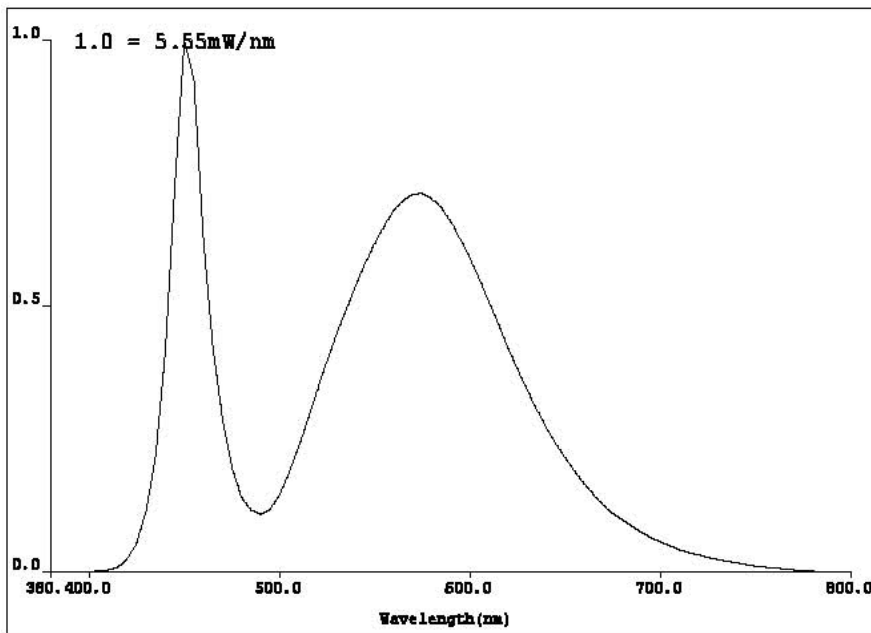
Length 1000 mm



X 3 pcs

**Analysis system Test report**

*Electric Light source Test Report*



Color Parameters  
 Chromaticity Coordinates:  $x=0.3571$   $y=0.3571$   $u=0.2174$   $v=0.3261$  ( $duv=-1.86e-003$ )  
 Correlated Color Temperature:  $T_c=4588K$  Dominant Wavelength:  $\lambda_d=578.0nm$   
 Chromaticity: Purity=14.3% Peak Wavelength  $\lambda_p=450nm$  half Width of:  $\Delta\lambda_p=21.7nm$   
 Color Ratio: R=14.3% G=82.5% B=3.1% Average Wavelength  $\lambda_{av}=560nm$   
 CRI:  $R_a=79.6$   
 $R1=62$   $R2=76$   $R3=84$   $R4=61$   $R5=62$   $R6=63$   $R7=79$   $R8=46$   
 $R9=53$   $R10=41$   $R11=51$   $R12=30$   $R13=65$   $R14=91$   $R15=58$   
 Optical parameters:  
 Flux:  $\Phi=208.48(lm)$ , Light Efficiency:  $\eta=65.91(lm/W)$  Radiation Power:  $P=598.8(mW)$   
 Electrical Parameters:  
 $U=24.00V$   $I=0.1318A$   $P=3.163W$   $PF=1.000$   
 Instrument Status:  
 Scan Range: 380.0nm-800.0nm Scan Interval: 5.0nm Main Channel Peak:  $I_p=12394(G=2, D=63)$   
 Reference Channel: REF=15759 maximum fluctuation: %=-0.011% PMT Temperature: 29.0°C



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### **Safety Information**

1) Indoor use only

2) Dünn® LED under cabinet lighting incorporates no protection against short circuits, overload or overheating. Therefore it is absolutely necessary to operate the modules with an electronically stabilized power supply offering protection against the above mentioned safety risks. Canada LEDS power supplies are specifically designed with protection features for safe operation.

When using power supplies other than that provided by Canada LEDS the following basic safety features are required, in addition to any other application specific concerns and local safety codes: \_ Short circuit protection \_ Overload protection \_ Overheat protection

3) Canada LEDS provides LED power supply at 6W/12W/24W/36W, the power of led power supply you choose should be over the total power when light fixtures are linked up.