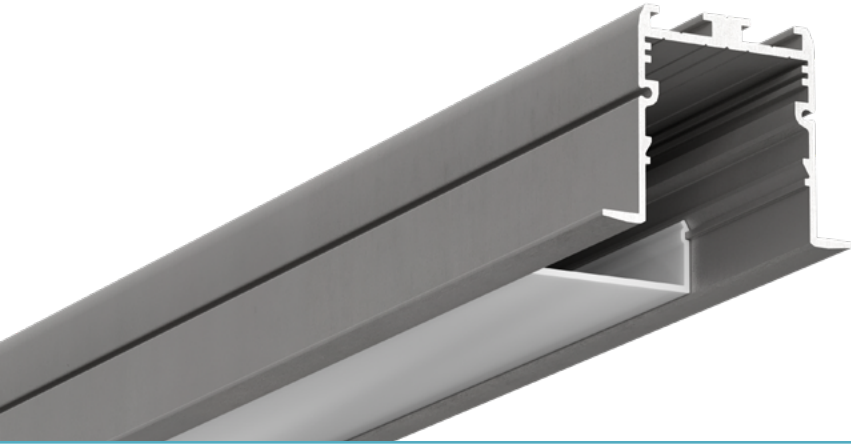
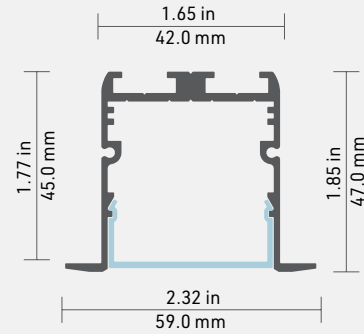


# 8510 PROFILE - REGULAR LED ENGINE

8000 Series



## Cross-section dimensions:



The 8510 is a recessed linear channel made from aluminum. It is integrated with a wide array of 24-volt energy-efficient LED options for a custom recessed linear lighting solution. With elegant and discreet edges, the 8510 fits perfectly into a wall or ceiling without the need for plastering. It is installed with the use of a spring bracket for a simple and secure installation. Attain a refined look without any pixelation that will harmonize perfectly in any space seeking to include recessed linear lighting.

## FEATURES

- Made of ALCOA 6063-T5 aluminum alloy for increased heat dissipation
- Custom length up to 8 feet (96 in. - 2.44 m)
- Special order for length up to 16 feet (192 in. - 4.85 m)
- 6 color temperatures (2400 K to 6200 K), tunable white, warm dimming, RGB, and RGBW
- Designed to give a uniform light without hot spots
- The Prime lens enhances color maintenance and light output compared to an opal lens
- Spring bracket for a simple and secure installation

## OPTIONS



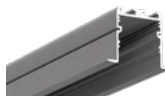






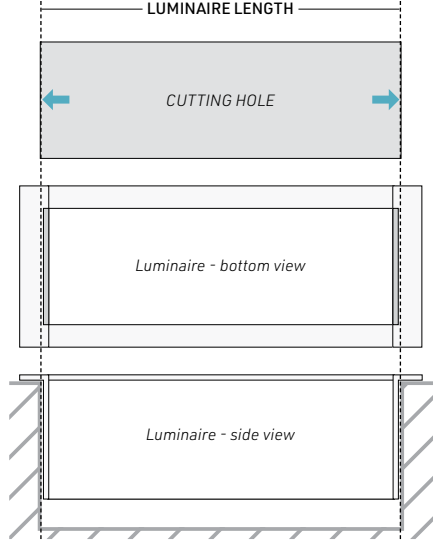
## LED ENGINE COMPATIBILITY

Compatible with LED engines up to **14mm** wide.

## LINEAR WEIGHT

0.66 lbs/ft, 0.920 kg/m (without lens)



PROFILE	LENSES	MOUNTING HARDWARE	OPTION	LENGTH
 <p>8510 - Profile, Alu</p>	 <p>PR - Prime lens</p> <p> NO - No Lenses</p>	 <p>SP - Spring bracket</p> <p> NO - No mounting hardware</p>	 <p>HER - High efficiency reflector</p> <p> NO - No option</p>	<p>Custom length by sections of 2 to 192 inches (4.8m).</p> <p><b>*NOTE:</b> Follow this diagram to calculate the correct length</p> 
<b>8510</b>				
PROFILE	LENS	MOUNTING HARDWARE	OPTION	LENGTH

8000

COLOR TEMPERATURE	LUMEN PACKAGE*	LEAD IN/OUT	USAGE	POWER SUPPLY/CONTROL	*NOTES
<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4a460; border: 1px solid black; margin-right: 5px;"></span> 24 - 2400K</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4c98c; border: 1px solid black; margin-right: 5px;"></span> 27 - 2700K</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4e1a4; border: 1px solid black; margin-right: 5px;"></span> 30 - 3000K</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4f1c9; border: 1px solid black; margin-right: 5px;"></span> 35 - 3500K</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4f9e1; border: 1px solid black; margin-right: 5px;"></span> 42 - 4200K</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4f9e1; border: 1px solid black; margin-right: 5px;"></span> 53 - 5300K (LHP only)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4f9e1; border: 1px solid black; margin-right: 5px;"></span> 62 - 6200K (LP only)</li> </ul>	<ul style="list-style-type: none"> <li>LP0 - 119 LM / 1.5W FT / 90+CRI</li> <li>LP1 - 137 LM / 1.5W FT / 90+CRI</li> <li>LP2 - 234 LM / 3.0W FT / 90+CRI</li> <li>LP3 - 335 LM / 4.4W FT / 90+CRI</li> <li>LP4 - 488 LM / 5.8W FT / 90+CRI</li> <li>LHP - 668 LM / 7.0W FT / 95+CRI</li> </ul>	<ul style="list-style-type: none"> <li>HW3 - Hardwire 3 FT</li> <li>HW6 - Hardwire 6 FT</li> <li>HW9 - Hardwire 9 FT</li> <li>HWX - Hardwire custom FT</li> <li>NO - No lead</li> </ul>	<ul style="list-style-type: none"> <li>I - IP22 indoor dry location</li> <li>O - IP68 wet/damp location (IP68 is not available for motion sensor option)</li> </ul>	<ul style="list-style-type: none"> <li>A - Non-dimming</li> <li>B - ELV dimming 120V AC</li> <li>C - ELV dimming 120/277 VAC**</li> <li>D - 0/10V dimming 120/277 VAC</li> <li>E - Non-dimming DC plug in</li> <li>F - DMX</li> <li>G - Lutron - HI-LUME PREMIER 0,1% Eco System 24V/96W</li> <li>I - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC</li> <li>J - Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC</li> <li>K - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC</li> <li>NO - No driver</li> </ul>	<p>*The light output is provided in lumens per foot, for a CCT of 4200K without lens. Please refer to the optics page for CCT and translucency conversion factors.</p> <p>** Only available in 96W - 24V Driver.</p>
<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4a460; border: 1px solid black; margin-right: 5px;"></span> WD1 - 2200-2700K14W/m</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4c98c; border: 1px solid black; margin-right: 5px;"></span> WD3 - 2700-3500K14W/m</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4e1a4; border: 1px solid black; margin-right: 5px;"></span> COBWD - 2200-3200K14W/m</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4f1c9; border: 1px solid black; margin-right: 5px;"></span> TW1 - Tunable White 11W/m</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4f9e1; border: 1px solid black; margin-right: 5px;"></span> TW2 - Tunable White 19W/m</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4f9e1; border: 1px solid black; margin-right: 5px;"></span> RGB1 - RGB 14W/m</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4f9e1; border: 1px solid black; margin-right: 5px;"></span> RGB2 - RGB 19W/m</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #f4f9e1; border: 1px solid black; margin-right: 5px;"></span> RGBW2 - 3000K 4in114W/m</li> </ul>	<p>Lumen Package selection is not available for WD, TW and RGB color options.</p>	<p>For TW or RGB strip options, select either A [Non-dimming] or E [Non-dimming DC plug] in power supply plus the J [Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC] controller.</p>			
COLOR TEMPERATURE CCT	LUMEN PACKAGE	LEAD IN    LEAD OUT	USAGE	POWER SUPPLY/CONTROL	