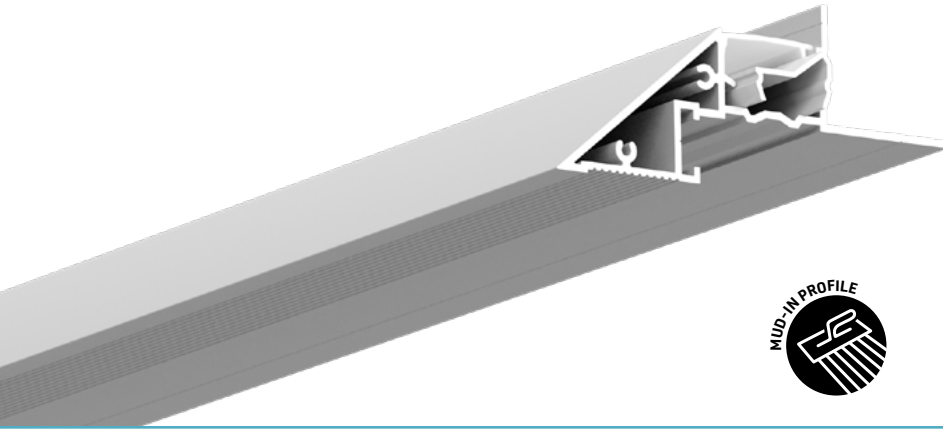
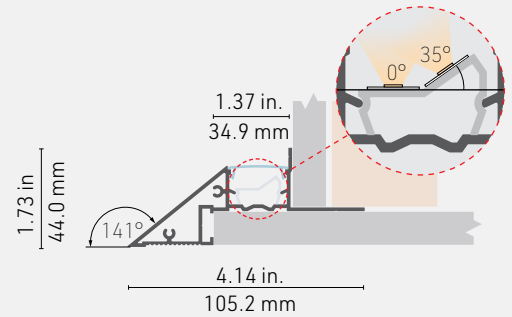


6900 PROFILE (PEN KNIFE)

6000 Series



Cross-section dimensions:



The **6900** "Pen Knife" profile is named for being a smaller version of our 8920 Knife Edge and is designed for cove lighting. The aluminum channel directly fits standard gypsum panels for a seamless finish to simplify the construction of the cove detail. The channel takes up to two strips of LED to contour the light upward, outward, or inward. Customize the light color and light output with various 24-volt LED lighting options. Create a beautiful accent or wall wash for your space with this innovative mud-in lighting solution.

FEATURES

- Made of ALCOA 6063-T5 aluminum alloy for increased heat dissipation.
- Ordered in length of 96 inches (2.43m), cuttable on site for easy and precise installation.
- A direct fit for standard 5/8" gypsum panels, will also accommodate 1/2" panels with the installation of 1/8" shims onsite.
- The grooved area allows leveling of the profile to the plasterboard using drywall mud.
- Easily connect multiple sections with a variety of type B joiners.
- Each 96-inch section includes a Prime lens for optimal optics and protection from dust.
- Angled insert holds two strips of LED with a width up to 10mm at a 0 and 35-degree angle.
- Order the desired lengths of LED pre-wired for easier installation.
- A variety of color temperatures and lumen packages (light outputs), as well as warm dim, tunable white, RGB, or RGBW available.
- Aluminum channel is field paintable.
- Indoor use.

LED TAPE COMPATIBILITY

Angled Insert: compatible with two LED tapes up to 10mm wide.

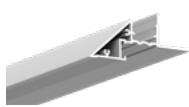
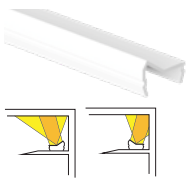






LINEAR WEIGHT

0.762 lbs/ft, 1.134 kg/m, without lenses.



6900 Profile (PEN KNIFE) ordering sheet

6000 Series

PROFILE	INSERT MOUNTS	LENSES	LENGTH	JOINERS
 <p>6900 - Profile</p>	 <p>AIM - Angled insert 0° / 35°</p>  <p>NO - No insert mount</p>	 <p>PR - Prime lens</p>	<p>Available in straight section of 8 feet (96 inches/2.4 m).</p>	 <p>JS - Type B straight joiner</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">JS</div> X JOINER QTY
				 <p>JH135 - Type B horz. 135° joiner</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">JH135</div> X JOINER QTY
				 <p>JH90 - Type B horz. 90° joiner</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">JH90</div> X JOINER QTY
				 <p>JV90 - Type B vert. 90° joiner</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">JV90</div> X JOINER QTY
<div style="border: 1px solid black; padding: 5px; display: inline-block;">6900</div> PROFILE	INSERT	<div style="border: 1px solid black; padding: 5px; display: inline-block;">PR</div> LENS	<div style="border: 1px solid black; padding: 5px; display: inline-block;">96"</div> X LENGTH QTY	

LED tape will be assembled on site. See Appendix 3 on page 277 to see how to calculate total ordering length.

COLOR TEMPERATURE	LUMEN PACKAGE*	LEAD IN/OUT	USAGE	POWER SUPPLY/CONTROL	LENGTH
<ul style="list-style-type: none"> 24 - 2400K 27 - 2700K 30 - 3000K 35 - 3500K 42 - 4200K 53 - 5300K (LHP only) 62 - 6200K (LP only) WD1 - 2200-2700K 14W/m WD3 - 2700-3500K 14W/m COBWD - 2200-3200K 14W/m TW1 - Tunable White 11W/m TW2 - Tunable White 19W/m RGB1 - RGB 14W/m RGB2 - RGB 19W/m 	<p>LP0 - 119 LM / 1.5W FT / 90+CRI</p> <p>LP1 - 137 LM / 1.5W FT / 90+CRI</p> <p>LP2 - 234 LM / 3.0W FT / 90+CRI</p> <p>LP3 - 335 LM / 4.5W FT / 90+CRI</p> <p>LP4 - 488 LM / 5.8W FT / 90+CRI</p> <p>LHP - 668 LM / 7.0W FT / 95+CRI</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Lumen Package selection is not available for WD, TW and RGB color options.</p> </div>	<p>HW3 - Hardwire 3 FT</p> <p>HW6 - Hardwire 6 FT</p> <p>HW9 - Hardwire 9 FT</p> <p>HWX - Hardwire custom FT</p> <p>NO - No lead</p>	<p>I - IP22 indoor dry location</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <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> </div>	<p>A - Non-dimming</p> <p>B - ELV dimming 120V AC</p> <p>C - ELV dimming 120/277 VAC**</p> <p>D - 0/10V dimming 120/277 VAC</p> <p>E - Non-dimming DC plug in</p> <p>F - DMX</p> <p>G - Lutron - HI-LUME PREMIER 0,1% Eco System 24V/96W</p> <p>I - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC</p> <p>J - Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC</p> <p>K - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC</p>	<p>Total length of LED tape in inches - See Appendix 3 (page 277) on how to calculate length.</p>
STRIP1 (UPLIGHT)	STRIP1 (UPLIGHT)	LEAD IN LEAD OUT	USAGE	POWER SUPPLY/CONTROL	STRIP1 (UPLIGHT)
STRIP2 (35°)	STRIP2 (35°)	LEAD IN LEAD OUT	USAGE	POWER SUPPLY/CONTROL	STRIP2 (35°)

*NOTE: The light output is provided in lumens per foot, for a CCT of 4200K and no lens. Please refer to the optics page for CCT and translucency conversion factors. ** Only available in 96W - 24V Driver