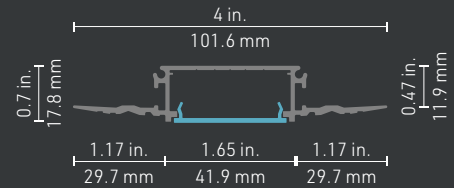


# 8870 PROFILE

8000 Series



## Cross-section dimensions:



The 8870 Pro profile is designed to disappear into the structure so that the light source merges with the surface. The LED trays are perfectly smooth and allow the installation of two strip tapes (5.9 W/ft) side by side for maximum lighting power, or face to face for optimal light diffusion. A new feature: it can be used with all type B joiners to build a solid structure, and it fits directly with standard gypsum panels for an impeccable finish. Its refined look harmonizes perfectly with any design.

## FEATURES

- Available in 96 in (2.43 m) lengths; profile can be cut on-site for easy and accurate installation
- Fits directly over standard 5/8" gypsum panels; can also accept 1/2" panels with 1/8" shims installed on-site
- On each side of the extrusion, the edges have grooves that reduce the space between the screws and the surface
- LED trays designed for two light sources installed side-by-side (5.9 W/ft) for maximum light output or face-to-face for optimal light distribution
- 10 LED light sources to choose from 2400 K to 6200 K, including WarmDim, RGB and RGBW
- Application guide for light sources of 10 mm (0.394") or less in IP22
- Made of ALCOA 6063-T5 aluminum alloy for increased heat dissipation
- Indoor use
- **Bonus:** PVC protector included with each profile

## OPTIONS



## LED ENGINE COMPATIBILITY

Compatible with LED engines up to **30mm** wide in total for direct light options and up to **5mm** wide on either side for edge light options.

## LINEAR WEIGHT

0.380 lbs/ft, 0.5656 kg/m, without lenses.



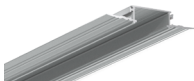









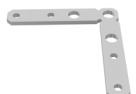


# 8870 Profile ordering sheet

# 8000 Series

PROFILE	LENSES	LENGTH
		Available in straight section of 8 feet (96 inches/2.4 m).
<b>8870</b>		<b>96"</b> X
PROFILE	LENS	LENGTH QTY
ENCAPS	ACCESSORIES	
		
8860 Endcaps	Drywall small head screw (x100)	
ENDCAPS QUANTITY	QUANTITY	

JOINERS

<b>JS</b> X
JOINER QTY

<b>JH135</b> X
JOINER QTY

<b>JH90</b> X
JOINER QTY

LED engine will be assembled on site. See Appendix 3 on page 259 to see how to calculate total ordering length.

8000



## DIRECT LIGHTING OPTION (one or two LED tapes)

COLOR TEMPERATURE	LUMEN PACKAGE*	LEAD IN/OUT	USAGE	POWER SUPPLY/CONTROL	LENGTH
<b>24</b> - 2400K <b>27</b> - 2700K <b>30</b> - 3000K <b>35</b> - 3500K <b>42</b> - 4200K <b>53</b> - 5300K (LHP only) <b>62</b> - 6200K (LP only)  <b>WD1</b> - 2200-2700K 14W <b>WD3</b> - 2700-3500K 14W <b>TW1</b> - Tunable White 11W <b>TW2</b> - Tunable White 19W <b>RGB1</b> - RGB 14W <b>RGB2</b> - RGB 19W <b>RGBW2</b> - 3000K 4in1 <b>No</b> - No strip	<b>LP0</b> - 119 LM / 1.5W FT / 90+CRI <b>LP1</b> - 137 LM / 1.5W FT / 90+CRI <b>LP2</b> - 234 LM / 3.0W FT / 90+CRI <b>LP3</b> - 335 LM / 4.4W FT / 90+CRI <b>LP4</b> - 488 LM / 5.8W FT / 90+CRI <b>LHP</b> - 668 LM / 7.0W FT / 95+CRI <b>No</b> - No strip	<b>HW3</b> - Hardwire 3 FT <b>HW6</b> - Hardwire 6 FT <b>HW9</b> - Hardwire 9 FT <b>HWX</b> - Hardwire custom FT <b>NO</b> - No lead	<b>I</b> - IP22 indoor dry location  For <b>TW</b> or <b>RGB</b> strip options, select either <b>A</b> [Non-dimming] or <b>E</b> [Non-dimming DC plug] in power supply plus the <b>J</b> [Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC] controller.	<b>A</b> - Non-dimming <b>B</b> - ELV dimming 120V AC <b>C</b> - ELV dimming 120/277 VAC** <b>D</b> - 0/10V dimming 120/277 VAC <b>E</b> - Non-dimming DC plug in <b>F</b> - DMX <b>G</b> - Lutron - HI-LUME PREMIER 0,1% Eco System 24V/96W <b>I</b> - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC <b>J</b> - Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC <b>K</b> - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC <b>NO</b> - No driver	<b>Total length of LED engine in inches</b> - See Appendix 3 (page 259) on how to calculate length.
SINGLE-STRIP1 DOUBLE-STRIP2	SINGLE-STRIP1 DOUBLE-STRIP2	LEAD IN LEAD OUT	USAGE	POWER SUPPLY / CONTROL	LED ENGINE LENGTH



## DOT-FREE EDGE LIGHTING OPTION (two LED tapes)

COLOR TEMPERATURE	LUMEN PACKAGE*	LEAD IN/OUT	USAGE	POWER SUPPLY/CONTROL	LENGTH
<b>24</b> - 2400K <b>27</b> - 2700K <b>30</b> - 3000K <b>35</b> - 3500K <b>42</b> - 4200K <b>53</b> - 5300K (LHP only) <b>62</b> - 6200K (LP only)  <b>WD1</b> - 2200-2700K 14W <b>WD3</b> - 2700-3500K 14W <b>TW1</b> - Tunable White 11W <b>TW2</b> - Tunable White 19W <b>RGB1</b> - RGB 14W <b>RGB2</b> - RGB 19W <b>No</b> - No strip	<b>LP0</b> - 119 LM / 1.5W FT / 90+CRI <b>LP1</b> - 137 LM / 1.5W FT / 90+CRI <b>LP2</b> - 234 LM / 3.0W FT / 90+CRI <b>LP3</b> - 335 LM / 4.4W FT / 90+CRI <b>LP4</b> - 488 LM / 5.8W FT / 90+CRI <b>LHP</b> - 668 LM / 7.0W FT / 95+CRI <b>No</b> - No strip	<b>HW3</b> - Hardwire 3 FT <b>HW6</b> - Hardwire 6 FT <b>HW9</b> - Hardwire 9 FT <b>HWX</b> - Hardwire custom FT <b>NO</b> - No lead	<b>I</b> - IP22 indoor dry location  For <b>TW</b> or <b>RGB</b> strip options, select either <b>A</b> [Non-dimming] or <b>E</b> [Non-dimming DC plug] in power supply plus the <b>J</b> [Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC] controller.	<b>A</b> - Non-dimming <b>B</b> - ELV dimming 120V AC <b>C</b> - ELV dimming 120/277 VAC** <b>D</b> - 0/10V dimming 120/277 VAC <b>E</b> - Non-dimming DC plug in <b>F</b> - DMX <b>G</b> - Lutron - HI-LUME PREMIER 0,1% Eco System 24V/96W <b>I</b> - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC <b>J</b> - Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC <b>K</b> - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC <b>NO</b> - No driver	<b>Total length of LED engine in inches</b> - See Appendix 3 (page 259) on how to calculate length.
STRIP1 STRIP2	STRIP1 STRIP2	LEAD IN LEAD OUT	USAGE	POWER SUPPLY/CONTROL	LED ENGINE LENGTH

\*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

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