

8870

8000 SERIES

LUMEN™
Truss

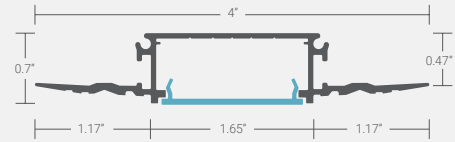


8870 PROFILE

8000 Series



Cross-section dimensions:



The 8870 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 including 2 straight Type B joiners; 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

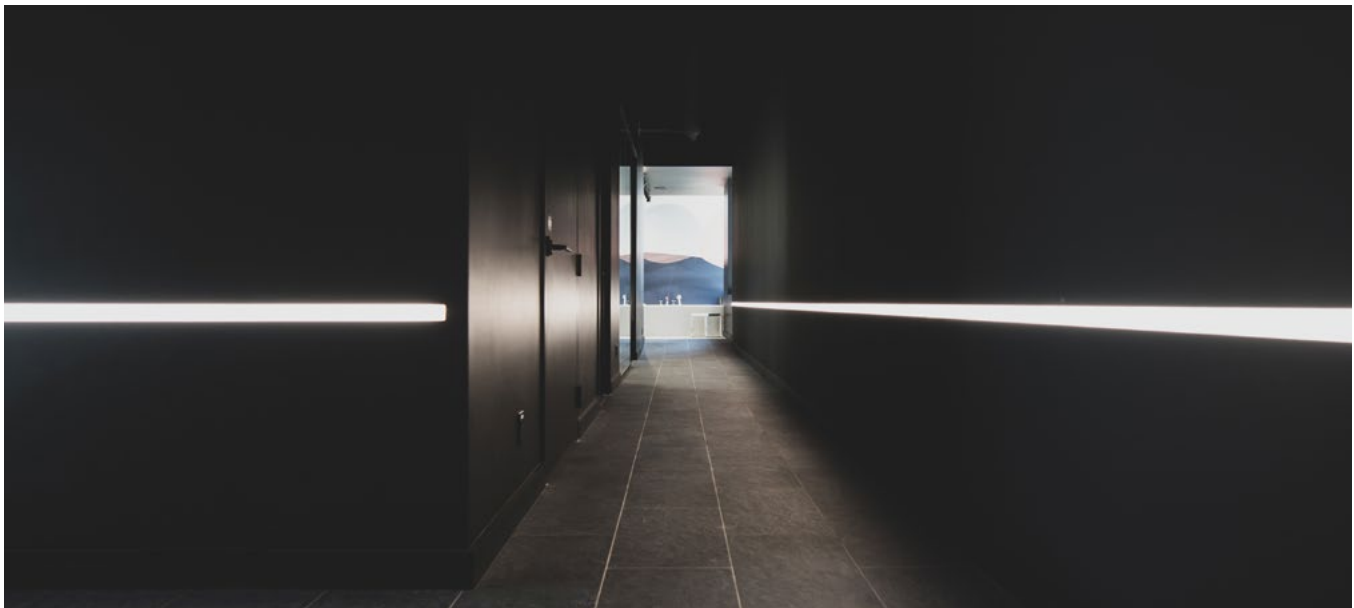


LED ENGINE COMPATIBILITY

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

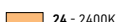
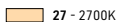
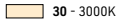
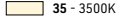
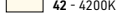
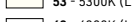
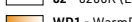





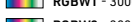
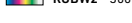

8000 Series

PROFILE	LENGTH	LENSES	PVC PROTECTOR
 8870 - Profile	Available in straight section of 8 feet (96 inches/2.4 m).	 PR - prime lens	 PVC - Pvc protector
QUANTITY	96 INCHES LENGTH	INCLUDED WITH EACH PROFILE	INCLUDED WITH EACH PROFILE
ENCAPS	JOINERS	ACCESSORIES	
 8860 Endcaps	 Type A straight joiner	 Type A horz. 45°/135° joiner	 Type A horz. 90° joiner
 Drywall small head screw (x100)			
ENDCAPS QUANTITY	QUANTITY	QUANTITY	QUANTITY

LED engine will be assembled on site. See Appendix 3 on page 159 to see how to calculate total ordering length.

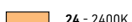
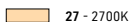
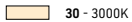
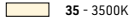
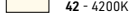
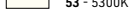


DIRECT LIGHTING OPTION (one or two LED engines)

COLOR TEMPERATURE	LUMEN PACKAGE*	LEAD IN / OUT	USAGE	POWER SUPPLY / CONTROL	LENGTH
 24 - 2400K	LP0 - 128 LM / 1.5W FT / 90+CRI	HW3 - Hardwire 3 FT	I - IP22 indoor dry location	A - Non-dimming	Total length of LED engine in inches - See Appendix 3 on how to calculate length.
 27 - 2700K	LP1 - 160 LM / 1.5W FT / 90+CRI	HW6 - Hardwire 6 FT		B - ELV dimming 120V AC	
 30 - 3000K	LP2 - 255 LM / 3.0W FT / 90+CRI	HW9 - Hardwire 9 FT		C - ELV dimming 120/277 VAC**	
 35 - 3500K	LP3 - 308 LM / 4.5W FT / 90+CRI	HWX - Hardwire custom FT		D - 0/10V dimming 120/277 VAC	
 42 - 4200K	LHP - 700 LM / 7.0W FT / 95+CRI	DC3 - DC plug 3 FT		E - Non-dimming DC plug in	
 53 - 5300K (LHP only)	Note: Not applicable for WarmDim Tunable White & RGB color temperatures	DC6 - DC plug 6 FT		F - DMX	
 62 - 6200K (LP only)		DC9 - DC plug 9 FT		G - Lutron - HI-LUME PREMIER 0,1% Eco System 24V/96W	
 WD1 - WarmDim 14W		DCX - DC plug custom FT		I - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC	
 WD2 - WarmDim 17W		NO - No lead		J - Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC	
 TW1 - Tunable White 11W				K - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC	
 TW2 - Tunable White 19W				NO - No driver	
 RGB1 - RGB 14W					
 RGB2 - RGB 19W					
 RGBW1 - 3000K					
 RGBW2 - 3000K 4in1					
SINGLE-STRIP 1 DOUBLE-STRIP 2	SINGLE-STRIP 1 DOUBLE-STRIP 2	LEAD IN LEAD OUT	USAGE	POWER SUPPLY / CONTROL	LED ENGINE LENGTH

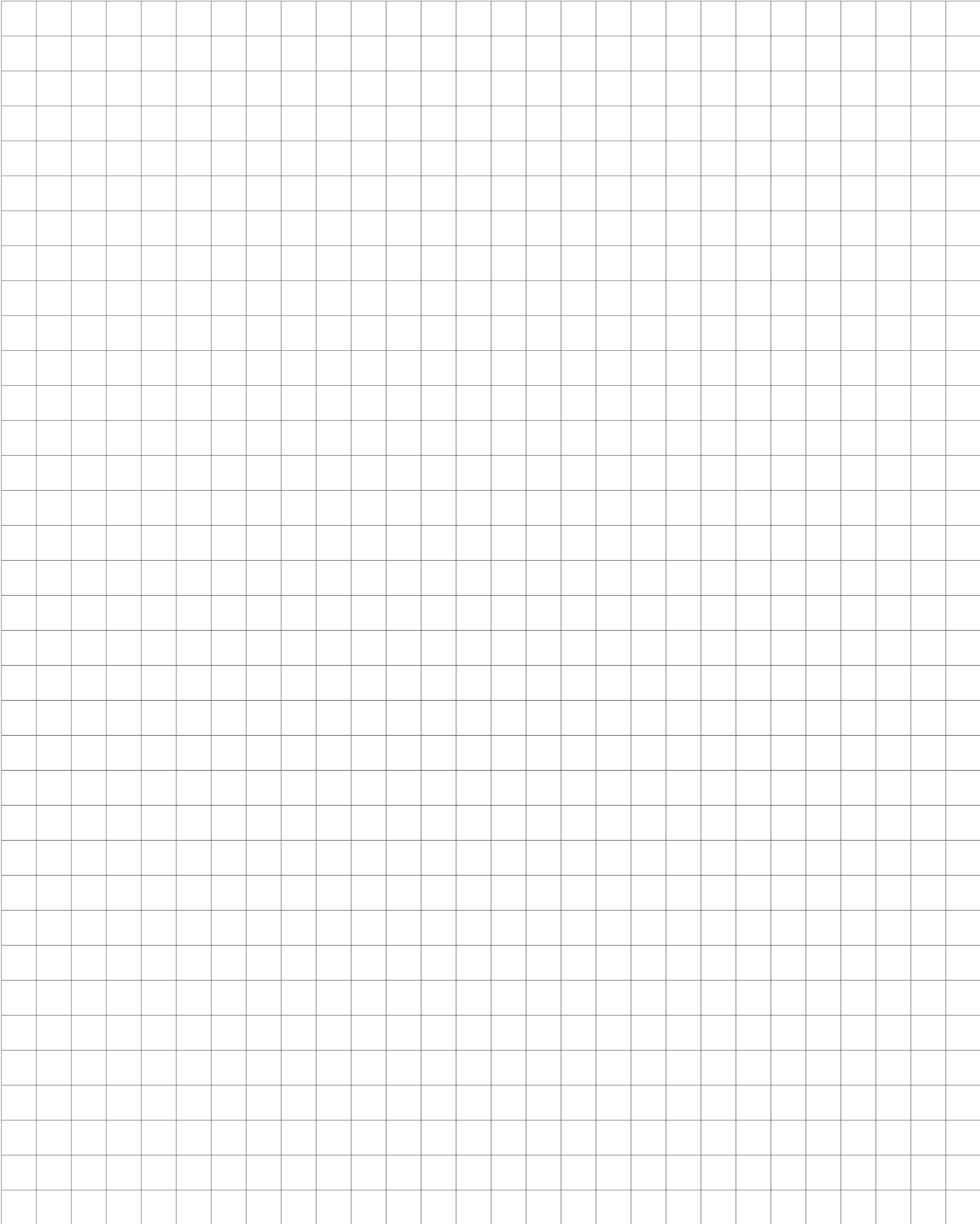


DOT-FREE EDGE LIGHTING OPTION (two LED engines)

COLOR TEMPERATURE	LUMEN PACKAGE*	LEAD IN/OUT	USAGE	POWER SUPPLY/CONTROL	LENGTH
 24 - 2400K	2LP3	HW3 - Hardwire 3 FT	I - IP22 indoor dry location	A - Non-dimming	Total length of LED engine in inches - See Appendix 3 on how to calculate length.
 27 - 2700K		HW6 - Hardwire 6 FT		B - ELV dimming 120V AC	
 30 - 3000K		HW9 - Hardwire 9 FT		C - ELV dimming 120/277 VAC**	
 35 - 3500K		HWX - Hardwire custom FT		D - 0/10V dimming 120/277 VAC	
 42 - 4200K		DC3 - DC plug 3 FT		E - Non-dimming DC plug in	
 53 - 5300K		DC6 - DC plug 6 FT		F - DMX	
		DC9 - DC plug 9 FT		G - Lutron - HI-LUME PREMIER 0,1% Eco System 24V/96W	
		DCX - DC plug custom FT		I - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC	
		NO - No lead		J - Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC	
				K - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC	
				NO - No driver	
COLOR TEMPERATURE CCT	LUMEN PACKAGE	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 a clear lens. Please refer to the optics page for CCT and translucency conversion factors. ** Only available in 96W - 24V Driver

NOTES





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