

STR8[®]
Low Profile LED Strip Luminaire





The STR8® is a patented LED strip luminaire (Patent # 2,541,494). The unique form of the STR8® body performs the dual function of heat sink and glare control valance. Typical applications include cove, under-cabinet, display case, retail and task lighting.

The STR8® is available in 6 color temperatures of White LEDs as well as Amber, Red, Green and Blue.

GVA's design expertise has lead to the development of the patented body of the STR8®. An array of heat fins run the length of the luminaire body and efficiently move heat away from the LEDs and other electronic components. This increases the functional lifetime of the luminaire. The particular shape and position of the fins allows them to also function as a glare control valance. No projected light is lost, yet in most installations, the high brightness LED light sources remain hidden from view behind the fins.

The STR8®'s low profile, only 55mm wide and 21mm high, makes it an ideal luminaire for installations where space is limited. It is easily mounted onto almost any surface with number 4 screws through its mounting flange.

Features

- Low profile surface mounted strip light with high power LED light source
- Anodized aluminum body available in two standard finishes
- Extruded aluminum base is designed with heat fins for superior thermal management
- Heat fins also act as a glare shield to hide LEDs from direct view
- Easy to install with #4 screws through the mounting flange
- Designed to accommodate variety of GVA's LED Light Engines with high power LEDs
- Power/Data cable - 600mm standard length
- Cool beam, no heat (IR) or UV generated from light source
- Input voltage 24VDC
- 5 Year Limited Warranty

Options

- Nominal lengths of 300mm, 600mm, 900mm, 1200mm, 1500mm, 1800mm, 2100mm and 2400mm.
- Clear Matte or Black Matte anodized body
- Clear or Opal lens
- 3 x 1W LEDs or 6 x 1W LEDs per 300mm/1ft. segment
- 6 color temperatures of White diodes, plus Amber, Red, Green and Blue
- High CRI available for all colour temperatures of White LEDs
- On/Off or dimmable through DMX control. Compatible with GVA Lighting or third party DMX512-A control systems
- Analog or push dimming available with MD3 adapter



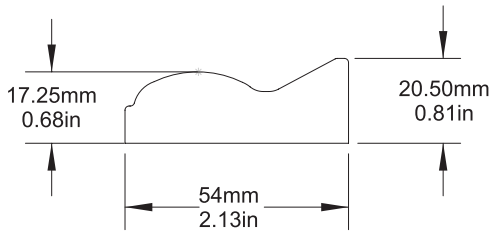
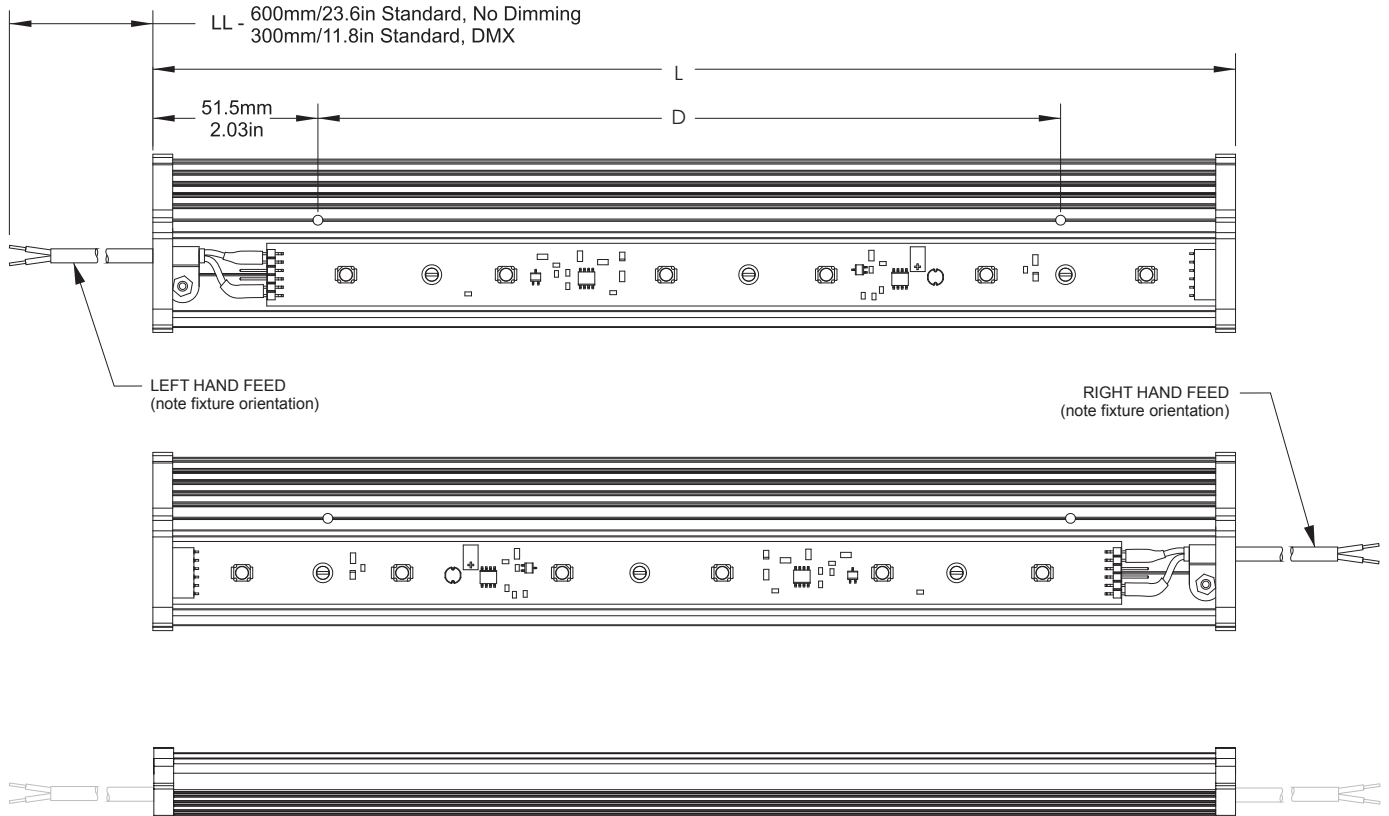
Specification Logic

FAMILY	NOMINAL LENGTH	BODY COLOR	LENS COLOR	LED QTY. PER 300MM/1FT.	LED POWER	BEAM ANGLE	LED COLOR	CRI**	INPUT SIDE	OPTIONS
STR8	300	CM - Clear Matte BM - Black Matte	CLR - Clear OPL - Opal	3 6	1W	120°	2700K	H3 - Standard H1 - High CRI	LH - Left hand feed RH - Right hand feed	ND - No Dimming, On/Off DMX - DMX Control LL - Specify custom lead cable length in mm if not standard (ex. LL450, max. 300 for DMX)
	3000K									
	900						3500K			
	1200						4000K			
	1500						5000K			
	1800						6500K			
	2100						AM- Amber			
	2400						RD - Red			
							GR - Green			
							BL - Blue			

Sample Logic : STR8-1200-CM-CLR-6-1W-120°-2700K-H3-ND-LH-LL700

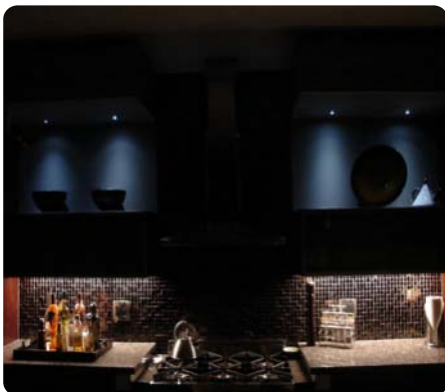
Mechanical Drawing

All Dimensions in mm



Nominal	L		D	
	mm	in	mm	in
300	328	12.9	225	8.86
600	621	24.4	259.5	10.22
900	915	36.0	270.7	10.66
1200	1207	47.5	276	10.87
1500	1501	59.1	279.6	11.01
1800	1793	70.6	281.7	11.09
2100	2085	82.1	283.1	11.15
2400	2378	93.6	284.4	11.20

Application Examples



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