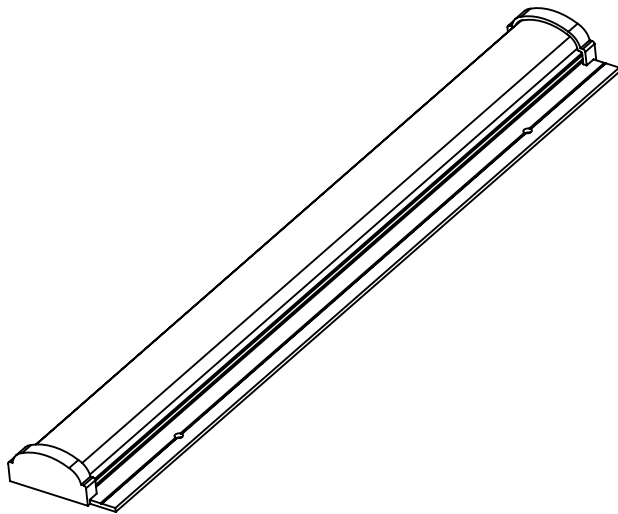
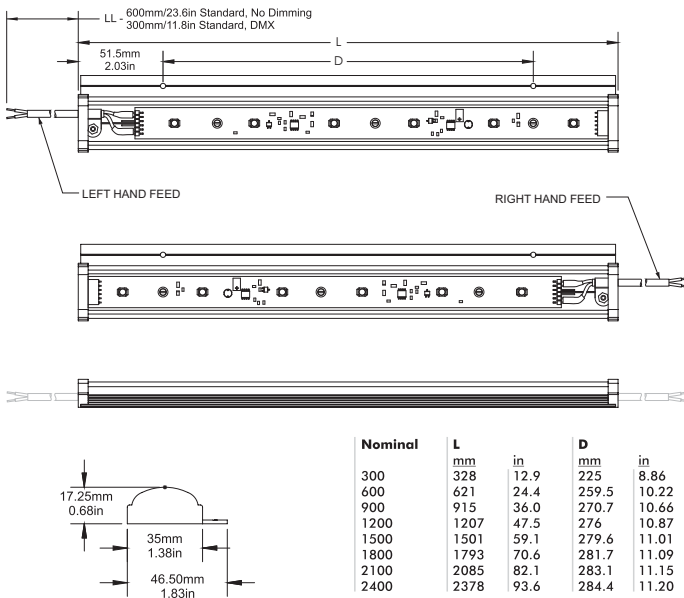


Product Specification Sheet



Mechanical Drawing



Specification Logic

FAMILY	NOMINAL LENGTH	DIRECTION	BODY COLOR	LENS COLOR	POWER PER 300MM/1FT.	LED COLOR	CRI**	CONTROL	CABLE LENGTH
STR7	300 600 900 1200 1500 1800	L - Left hand feed R - Right hand feed	CM - Clear Matte	CLR - Clear	3W 7W	4000K 5000K 6500K AM- Amber	H3 - Standard (typ 85)	ND - No Dimming, On/Off 0~10V or DALI Dimming available through GVA Power-Data Equipment (DMX STR7 Required)	LL300 - 300mm (1ft) Cable (standard option for DMX) LL600 - 600mm (2ft) Cable Standard for non-dimmable fixtures) LL1200 - 1200mm Cable (for non-dimmable fixtures) LL2000 - 2000mm cable (for non-dimmable fixtures)

Product Configuration

STR7 -1200 -R -CM -CLR -7W -6500K -H3 -DMX -LL2000

Date: _____

Type: _____

Company: _____

Project: _____

The STR7™ is a low profile strip luminaire designed for installations where performance is essential and space is limited.

Typical Applications include showcase and under-cabinet lighting, cove, effect lighting, task and emergency lighting and delineation.

STR7™ is available one color temperatures of white as well as Amber.

This Luminaire is particularly suited to installation in tight spaces where other fixtures simply will not fit. With external dimensions of only 45mm wide and 18mm high the STR7™ can be installed in the smallest of spaces.

Mounting onto almost any surface is easily achieved with number 4 screws through the integral mounting flange. It is strongly recommended that the luminaire be mounted onto a metal or concrete surface in order to sufficiently dissipate heat and ensure that the LEDs last their full rated lifetime.





Features

- Interior application very low profile surface mounted strip light with high power LED light source
- Anodized aluminum body available in two standard finishes
- Easy to install with #4 screws through the mounting flange
- Cool beam, no heat (IR) or UV generated from light source
- Input voltage 24VDC
- Must be installed on metal or concrete surface for proper thermal management (Discuss your application with GVA Lighting)
- 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.
- 3W or 7W per 300mm/1ft. segment
- 6500K temperature of White diodes, plus Amber.
- 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

Product Specifications

Nominal Length		300	600	900	1200	1500	1800	2100	2400	
Electrical	Rated Input Voltage	24VDC								
	Power Consumption DC Side (typical, LEDs driven @ 300mA)	3W 7W	3.6W 7.2W	7.2W 14.5W	10.9W 21.7W	14.5W 29W	18.1W 36.3W	21.8W 43.5W	25.4W 50.8W	29W 58.1W
	Approved Remote AC/DC Power Supplies	Use only with listed Class 2 power supply unit, 24VDC								
	Maximum run length for end-to-end connection* (to maintain class 2 circuit)	3W 7W	8.1m, 27ft 3.9m, 13ft							
	Optical	Light Source	3 x 1W or 6 x 1W Nichia 183 series or Cree MX series LEDs							
	CRI** (For White 183 Series LEDs)	Standard CRI (H3): Min 75, Typ 85; High CRI (H1): Min 85, Typ 92								
	Lumens (typical for Standard CRI, 6500K LEDs @ 300mA @ 25°C ambient)***	7W	420	840	1260	1680	2100	2520	2940	3360
	Lumens (typical for Amber LEDs, 600nm, x=0.397-0.467 y=0.522-0.603 @ 300mA @ 25°C ambient)***	7W	300	600	900	1200	1500	1800	2100	2400
	Beam Angle (FWHM)	120°								
	Projected Lumen Maintenance****	50,000 hours @ 30°C (B50, L70)								
Control	Interface Options	On/Off (No Dimming) DMX512-A compatible (when applicable) 0~10V or DALI Control through GVA Power-Data Equipment								
	Control Systems	Pharos or any third party DMX512-A controllers Third party 0~10VDC or DALI controller								
Physical	Width x Height	mm inches	46.5 x 17 1.83 x 0.67							
	Actual Length	mm inches	328 12.9	622 24.48	915 36.02	1207 47.52	1501 59.1	1793 70.6	2085 82.1	2378 93.6
	Weight	kg lbs	0.15 0.33	0.3 0.66	0.45 0.99	0.6 1.32	0.75 1.65	0.9 1.98	1.05 2.31	1.20 2.64
	Housing	Extruded aluminum body, ABS endcaps, Provista Copolymer or Acrylic lens								
	Fixture Connections	0.6m/2ft lead cable with stripped wires								
	Rated Operating Temperature****	-10°C to +30°C, 14°F to 86°F								
	Environment	Dry Locations, 0-80% humidity, non condensing								
Certification & Safety	Listings	cULus, CE, RoHS								
	UL Classification	Low Voltage LED Class 2 Luminaire								
	IEC Classification	Surface Mount, Indoor-Use, Class III, IP40, for normal use								
	LED Class	Class 2 LED product								
   										

* Values for standard drive current. Longer runs achievable with under-driven LEDs. Nominal length shown; actual length = actual fixture lengths + fixture spacings
 ** CRI only applicable to White LEDs
 *** These figures are subject to change due to further development and innovations of LED light sources.
 **** Luminaire must be mounted on metal or concrete surface for proper thermal management