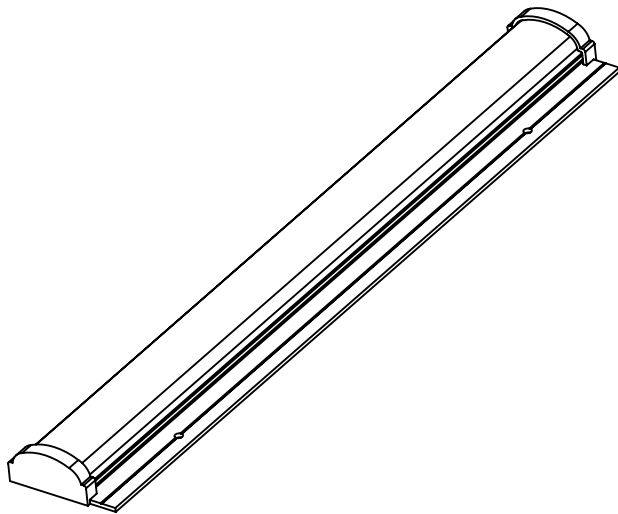
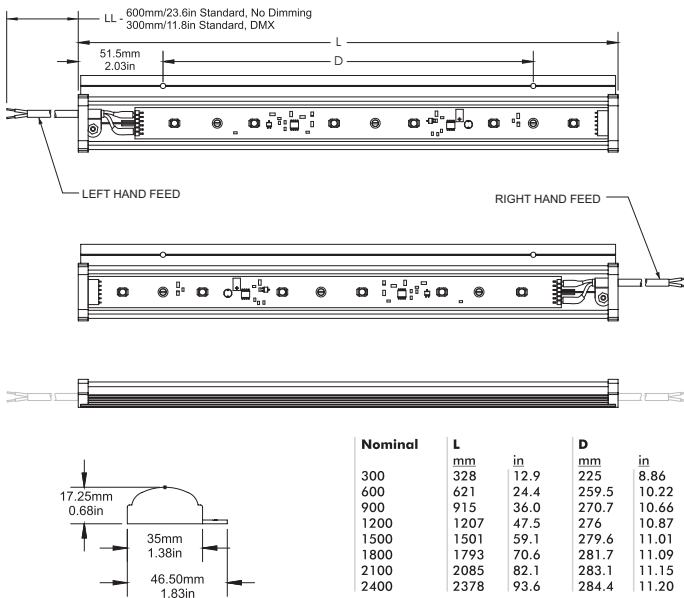


## Product Specification Sheet



### 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 2100 2400	L - Left hand feed R - Right hand feed	CM - Clear Matte BM - Black Matte	CLR - Clear OPL - Opal	3W 7W	2700K 3000K 3500K 4000K 5000K 6500K	H3 - Standard (typ 85) H1 - High CRI (typ 92)	ND - No Dimming, On/Off DMX - DMX Control  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)
						AM - Amber RD - Red GR - Green BL - Blue			

### Product Configuration

**STR7 -1200 -R -CM -CLR -7W -5000K -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 in 6 color temperatures of white as well as Amber, Red, Green and Blue.

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
- 6 color temperatures of White diodes, plus Red, Amber, 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

**Product Specifications**

Nominal Length		300	600	900	1200	1500	1800	2100	2400		
<b>Electrical</b>	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				
<b>Optical</b>	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, 3500K LEDs @ 300mA @ 25°C ambient )***	7W	400	800	1200	1600	2000	2400	2800	3200	
	Lumens de-rating coefficient depends on color temperature***	2700K	0.89								
		3000K	0.93								
		3500K	1.00								
		4000K	1.00								
		5000K	1.05								
Lumens de-rating coefficient depends on CRI	High CRI (H1)	0.85									
Beam Angle (FWHM)	120°										
Projected Lumen Maintenance****	50,000 hours @ 30°C (B50, L70)										
<b>Control</b>	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									
<b>Physical</b>	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	0.15	0.3	0.45	0.6	0.75	0.9	1.05	1.20	
		lbs	0.33	0.66	0.99	1.32	1.65	1.98	2.31	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										
<b>Certification &amp; Safety</b>	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									



**IP40**



\* 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