

**VOLANS PREMIUM**    Product Code **GT. Volans Premium WARM-DIM 19495 24v**

**DESCRIPTION /**            Linear flexible LED strip, 10mm wide with invisible Dow Corning resin coated IP20, 224 LEDs/M

**WHY USE THIS:**            Versatile (SMT) LED of high quality CRI90 and high performance. Close pitch allows for 62.5mm cutting centres. Ideal for long runs. Fully dimmable provides comforting warm glow. Many profiles suitable for all genral lighting applications. Including wet areas.

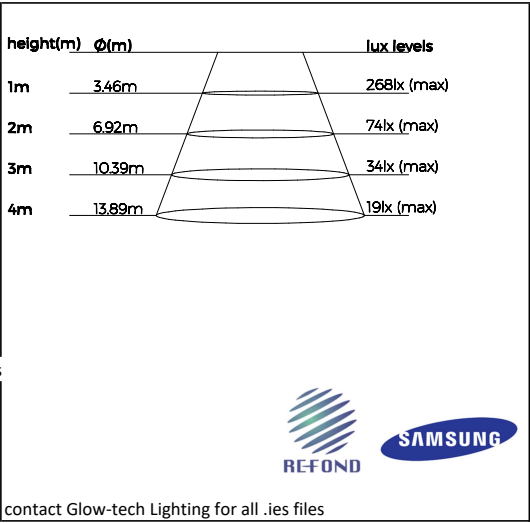
IP20 zone 2	CE	LED	IEE : A+ EN 60598.
Dimensions (mm)			
4 (h) x 10 (width)			
Cut-out (mm)			
N/A			



Contact us for the range of profiles

<b>material light fixture</b>	PVC / plastic mix; copper conductors 4oz
<b>colours &amp; finish/ (suffix)</b>	Clear
<b>light source &amp; voltage options</b> (PLEASE CONTACT US FOR ALTERNATIVE SOURCES)	a) (2835) 18w/m LED WARM-DIM (1300 lms/m) 24v DC
<b>colour temperature /(suffix)</b>	224 LEDs/m
<b>CRI (colour render) /(suffix)</b>	<b>1800 - 3000K</b>
<b>MacAdam</b>	90+
<b>Controls options /(suffix)</b>	3
<b>Optional Accessories</b>	phase dimming DALI 0-10V Blue-tooth
<b>AV. Weight (kg)</b>	link for available profiles <a href="http://www.detaillighting.co.uk/search/?s=volans">http://www.detaillighting.co.uk/search/?s=volans</a> See p.2-3 for driver options
<b>Emergency Available?</b>	0.04/m
<b>Special Notes</b>	Yes
	Supplied with 1m attached 'power-lead'. <u>Cutting and soldering service available. Supplied with 3m tape as standard</u>


**technical performance**






## DRIVER OPTIONS DRIVER + DIMMING INTERFACE OPTIONS

Image	Code	dims	IP rating	Power	Inrush (A)	Comment
	<b>GT.HLG-480-24</b> 	262 X 125 X 43.8mm	IP65	480w	70A	For dimming use with MULTIPLE GT.ECP-701-8A below  (additional in-rush current limiter available)
	<b>GT.HLG-320</b> 	252 X 69 X 45MM	IP67	320w	70A	POTENTIOMETER BUILT-IN  For dimming use with MULTIPLE GT.ECP-701-8A below (additional in-rush current limiter available)
	<b>GT.HLG-240</b> 	247 X 69 X 39MM	IP67	240w	75A	POTENTIOMETER BUILT-IN  For dimming use with MULTIPLE GT.ECP-701-8A below  (additional in-rush current limiter available)
	<b>GT.SL-24200D024</b>	235 X 120 X 56MM	IP67	200w	75A	For dimming use with GT.ECP-701-8A below  2-CHANNELS OF 100W
	<b>GT.SL-24150D024</b>	235 X 120 X 56MM	IP67	150w	65A	For dimming use with GT.ECP-701-8A below
	<b>GT.LPV-150</b> 	191 X 63 X 37.5MM	IP67	150w	65A	For dimming use with GT.ECP-701-8A below
	<b>GT.SL-24100D024</b>	249 X 66 X 52MM	IP67	100w	60A	For dimming use with GT.ECP-701-8A below
	<b>GT.LPV-100</b> 	190 X 52 X 37.5MM	IP67	100w	75A	For dimming use with GT.ECP-701-8A below
	<b>GT.SL-VB-240-60P</b>	199 X 66 X 52MM	IP67	60w	55A	For dimming use with GT.ECP-701-8A below
	<b>GT.LPV-60</b> 	162 X 42.5 X 32MM	IP67	60w	60A	For dimming use with GT.ECP-701-8A below
	<b>GT.SL-VB-240-30M</b>	222x 29 x 20	IP67	30w	40A	For dimming use with GT.ECP-701-8A below
	<b>GT.LPV-35</b> 	148 X 40 X 30MM	IP67	30w	55A	For dimming use with GT.ECP-701-8A below
	<b>GT.SL-VA-240-15U</b>	222x 29 x 20MM	IP67	20w	35A	For dimming use with GT.ECP-701-8A below
	<b>GT.ECP-701-8A</b>	82 x 33 x 20mm	IP20	200W MAX 0-10V DIMMING INTERFACE		DIMS DOWN <10% FROM ZERO
	<b>GT.ECP-701-12A</b>	175 x 44 x 33	IP20	200W MAX 0-10V DIMMING INTERFACE		DIMS DOWN <10% FROM ZERO

# DRIVER OPTIONS (continued)

	<b>GT.ECP-701-8A-DALI</b> (DUAL OPERATION)	158x 50.5x 34	IP20	200W MAX DALI DIMMING INTERFACE 200W MAX DMX DIMMING INTERFACE
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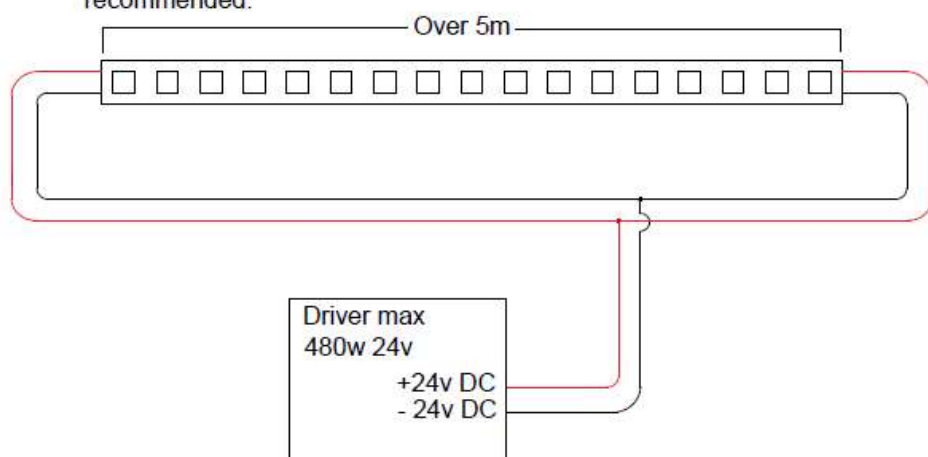
## DRIVER OPTIONS TRIAC DIMMING DRIVER - ONE PIECE OPTIONS

Image	Code	dims	IP rating	Power	Inrush (A)	Comment
	GT.ELED-25-24-T	155 x 54 20	20	25w	35A	Works with leading edge TRIAC dimmers
	GT.ELED-50-24T	174x 61x 24mm	20	50W	50A	Works with leading edge TRIAC dimmers
	GT.ELED-80-24T	200x 68.5x 43	66	80W	55A	Works with leading edge TRIAC dimmers

## SCHEMATICS

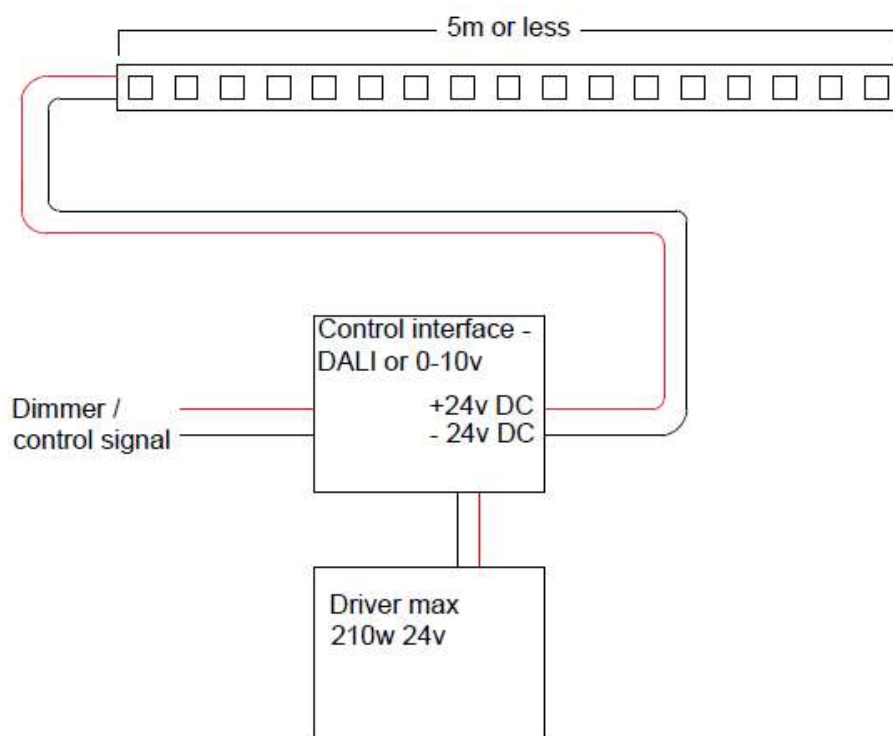
### WIRING AS A RING CIRCUIT - OVER 5M

If LED strip is greater than 5m then circuit must be wired as a ring. Drivers can be mounted up to 20m away, provided the above is respected and 1.5mm cable used from the driver to the LED strip. In cases of drivers mounted over 10m from strip a bench test is recommended.



### WIRING FOR 0-10V OR DALI DIMMING

This circuit is the standard layout for LED strip of 5m or less. for 5.1m - 10m strip should be fed from both ends (separate diagram available)



## SCHEMATICS

### WIRING FOR DMX INTERFACE CONTROL OF RGB

If LED strip is greater than 5m then circuit must be wired as a ring. Drivers can be mounted up to 20m away, provided the above is respected and 1.5mm cable used from the driver to the LED strip. In cases of drivers mounted over 10m from strip a bench test is recommended.

