

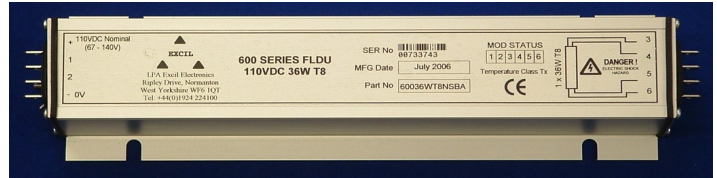
LED Tube - Inverter Bypass Unit 1090 Series



Long Life Reliability
does not cost the earth

Product Overview

- › Allows the use of an LED tube replacement without wiring configuration changes.
- › Replaces fluorescent Inverter units to distribute the vehicle power to the LED tube power terminals.



Product Codes

Part Number	Enclosure Description
10901004	Aluminium — standard UIC555, 47mm
10901008	EN50311 Annex D Vertical Faston Blade

Input Specification

	All Variants	
Input Supply Voltage Range	0-264	V AC/DC
Efficiency	100	%

Environmental Specification

		All Variants	
Unit Weight		400	g
Dry Heat (Steady State)	RIA13	85	°C
	1990	6	Hrs
Shock and Vibration		EN50155 & EN61373	
Operating Temperature Range		-30 to +85	°C

Sealing Rating	Figure 1 — UIC 555	IP65
	Figure 3 — EN50311 Annex D	IP20



LPA Lighting Systems
Ripley Drive
Normanton
Wakefield
WF6 1QT

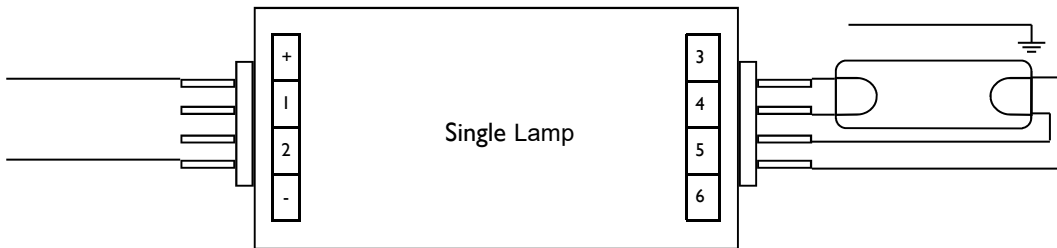
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Installation Guide

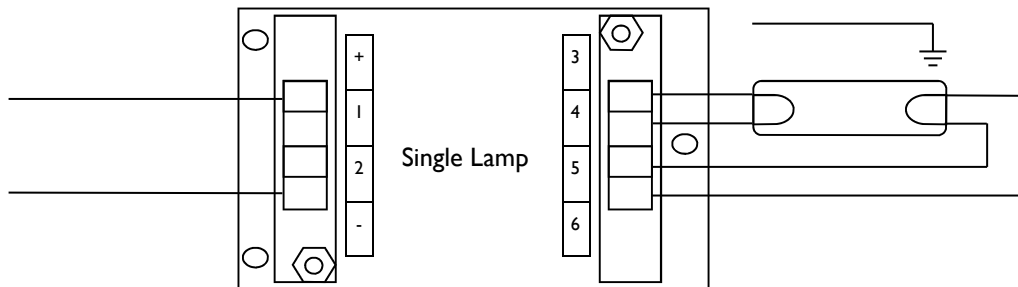
Electrical Configuration

All Variants			
		Input Connections	Output Connections
UIC555 Faston Blades	Single Lamp	+ 'VE - (+), - 'VE - (-)	+ 'VE - (3,5), - 'VE - (4,6)
	Twin Lamp	+ 'VE - (+), - 'VE - (-)	+ 'VE - (3,5), - 'VE - (4,6)
Annex D Faston Blade	Single Lamp	+ 'VE - (+), - 'VE - (-)	Tube 1 + 'VE - (3), - 'VE - (4) Tube 2 + 'VE - (5), - 'VE - (6)
	Twin Lamp	+ 'VE - (+), - 'VE - (-)	Tube 1 + 'VE - (3), - 'VE - (4) Tube 2 + 'VE - (5), - 'VE - (6)

UIC555 - Faton Blade



Annex D - Faton Blade



Mechanical Specification

Figure 1 — 1090 Series Enclosure
 Aluminium Enclosure, UIC 555 Space Envelope
 0.25" Faston connectors

- Polarising keys available by special request. Contact us for more details.

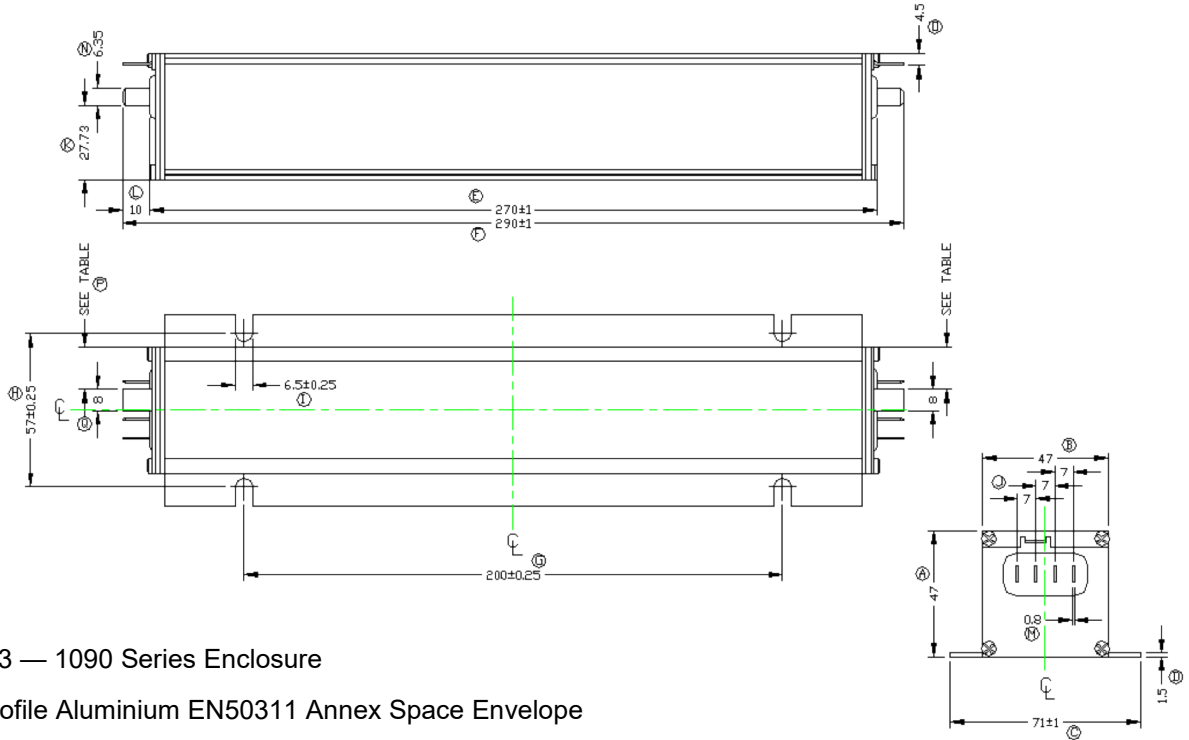
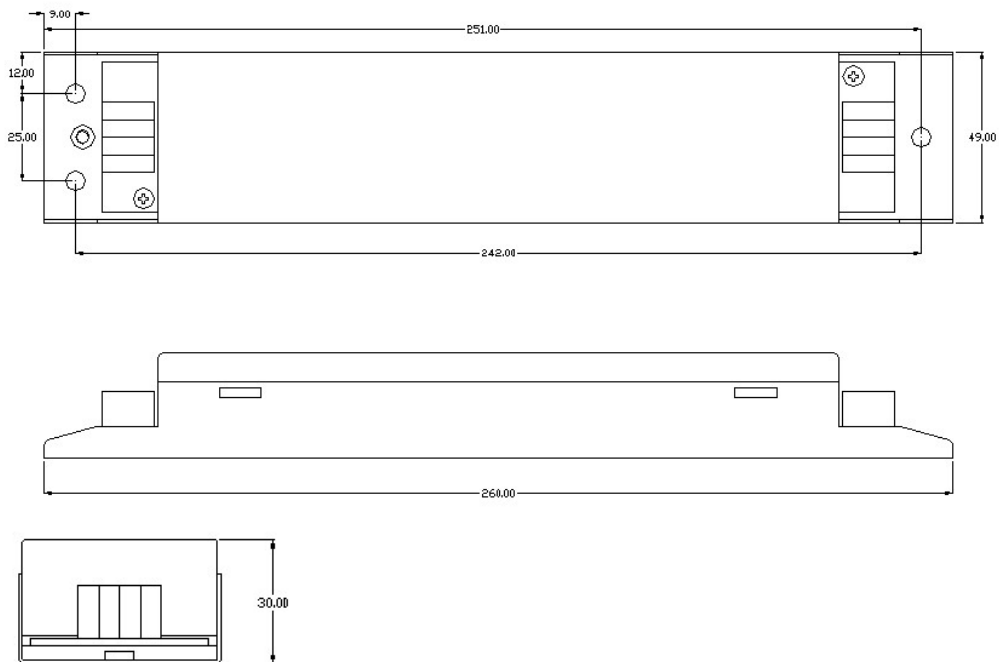


Figure 3 — 1090 Series Enclosure
 Low-Profile Aluminium EN50311 Annex Space Envelope
 0.25" vertical Faston connectors



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