



ARCLAMP DRIVER INFORMATION

Specifically designed for use with the 24V ArcLamp, these advanced drivers provide a fast and simple retrofit installation solution in a compact, wall mounting enclosure. Available in 150W, 350W and 700W options and including four uniquely addressable outputs per unit, the ArcLamp Driver is typically installed in the same location as an existing house light dimmer, meaning existing building load wiring can be used without any need for destructive wall or ceiling work.

FEATURES

- Three versions of driver: 150W, 350W and 700W
- Smooth dimming to zero
- Auto load balancing power supplies
- Smart load limit indicators (350W and 700W only)
- Four independently addressable outputs
- Option to combine output channels to cater for larger circuit loads

SPECIFICATIONS

ELECTRICAL

- Universal line voltage input = 100-240VAC 50/60Hz
- 4 x 24V DC Constant Voltage outputs
- Volt Drop Compensation technology ensures ArcLamp will work with as little as 21V DC at the lamp.
- Volt drop calculator available at www.etcconnect.com/ArcLamp

CONTROL

- DMX in and thru via internal RJ45 connectors or 8 pin DMX over CAT5 termination kit
- Remote, wireless configuration using ArcSystem commissioning software
- Up to four unique DMX addresses (one per output)

MECHANICAL

- Metal Construction
- Multiple knock out plates for direct conduit connection

THERMAL

- 150W driver convection cooled for silent operation
- 350W and 700W include thermally regulated integral cooling fans

ORDERING INFORMATION

NON-EMERGENCY VERSION

ARCLMD			
MODEL	WATTAGE	OUTPUT TYPE	OUTPUT VOLTAGE
ArcLamp Driver	150- 150W 350- 350W 700- 700W	CV- CONSTANT VOLTAGE	24- 24V

EXAMPLE

ARCLMD	350	CV	24
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ARCLMD350CV24 - ArcLamp Driver, 350W, constant voltage, 24V.

EMERGENCY VERSION

ARCLMDE			
MODEL	WATTAGE	OUTPUT TYPE	OUTPUT VOLTAGE
ArcLamp Driver - Emergency	150- 150W 350- 350W 700- 700W	CV- CONSTANT VOLTAGE	24- 24V

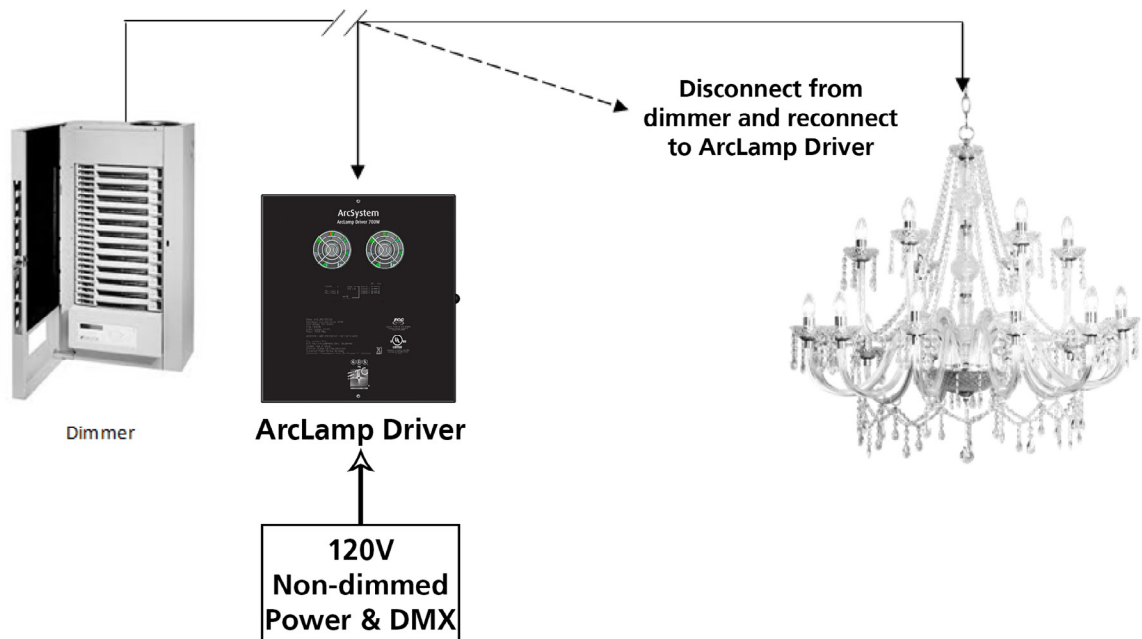
EXAMPLE

ARCLMDE	700	CV	24
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ARCLMDE700CV24 - ArcLamp Driver, 700W, constant voltage, 24V, Emergency.



LAMP CONNECTION



GENERAL INFORMATION

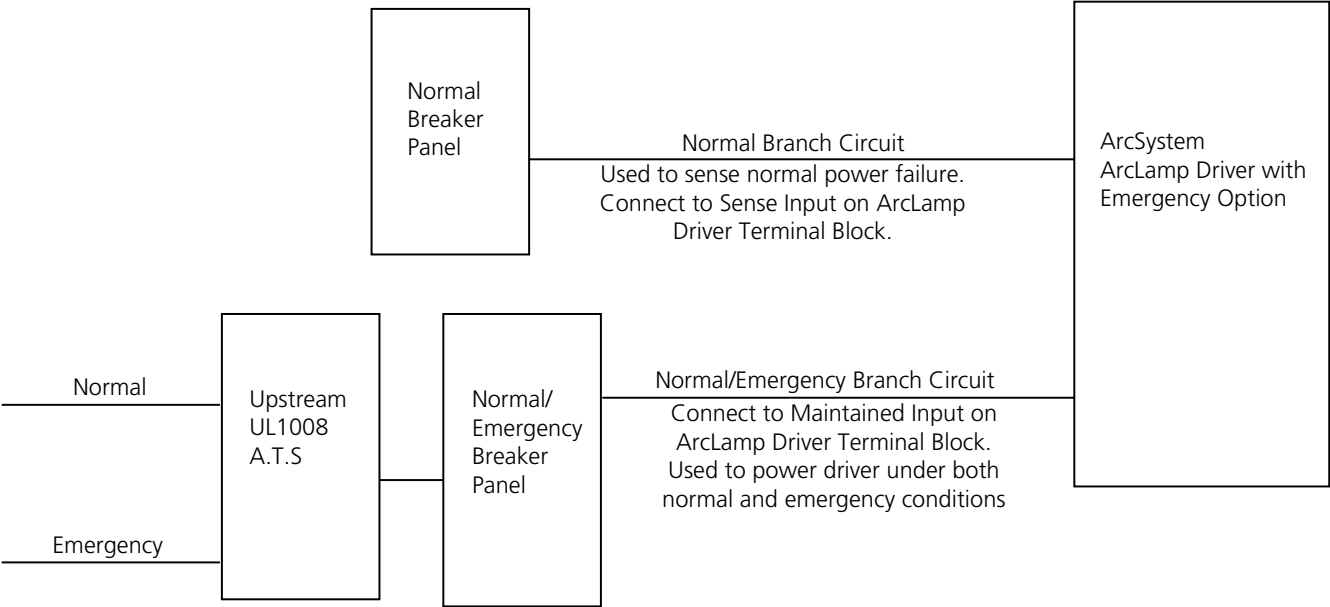
ARCLAMP MAXIMUM SYSTEM LIMITS

- 150W Driver
 - Maximum of 25 ArcLamps
 - 1.5A per channel max current
 - 36W per channel max power
 - Six lamps per channel (One channel will support a seventh lamp giving a driver total of 25 ArcLamps)
- 350W Driver
 - Maximum of 60 ArcLamps
 - 3.5A per channel max current
 - 80W per channel max power
 - 15 lamps per channel
- 700W Driver
 - Maximum of 120 ArcLamps
 - 7A per channel max current
 - 160W per channel max power
 - 30 lamps per channel
- All Drivers
 - Kits to bridge driver outputs are provided with each driver. See ArcLamp installation manual for more details
 - Output cable size - 12-14 AWG

EMERGENCY CONNECTION

A dual-input emergency version of this driver is available. Emergency drivers have two line-voltage leads that are wired to the product and have the following functions:

- Normal power/emergency power
- Normal power sense input



If normal power to the sense input is lost, the driver will force the luminaire on at 100% overriding all other control signals. There is no control of the driver/luminaire via wireless ArcMesh or wired DMX until normal power is restored at the sense input.

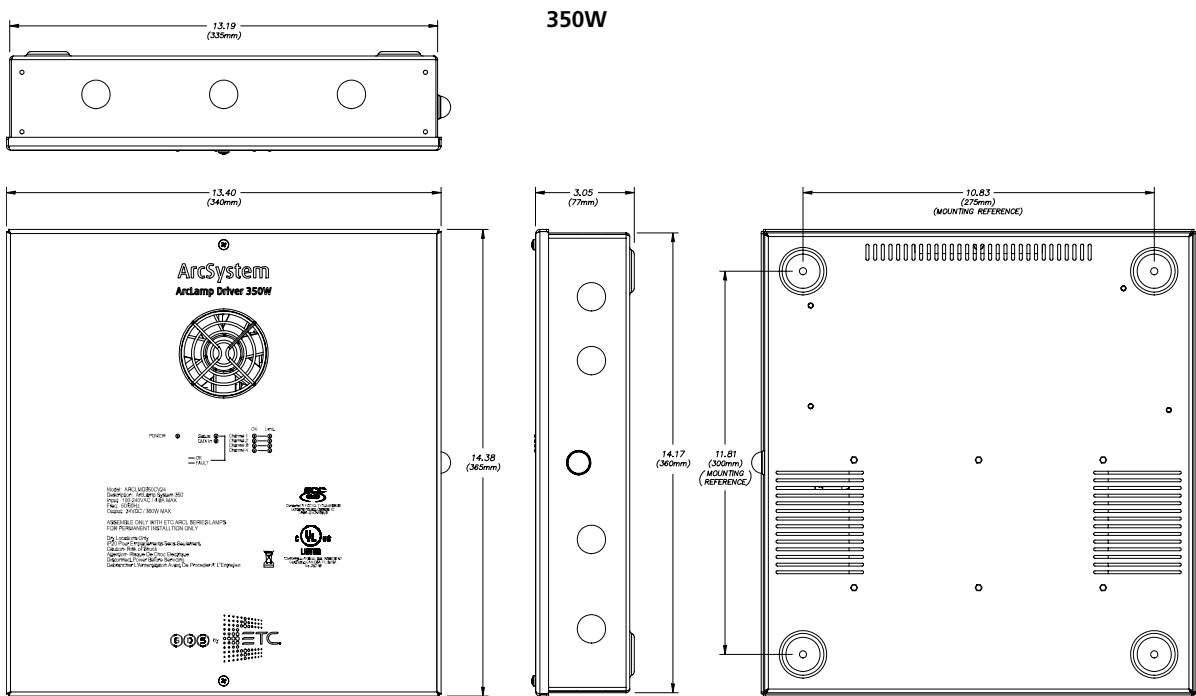
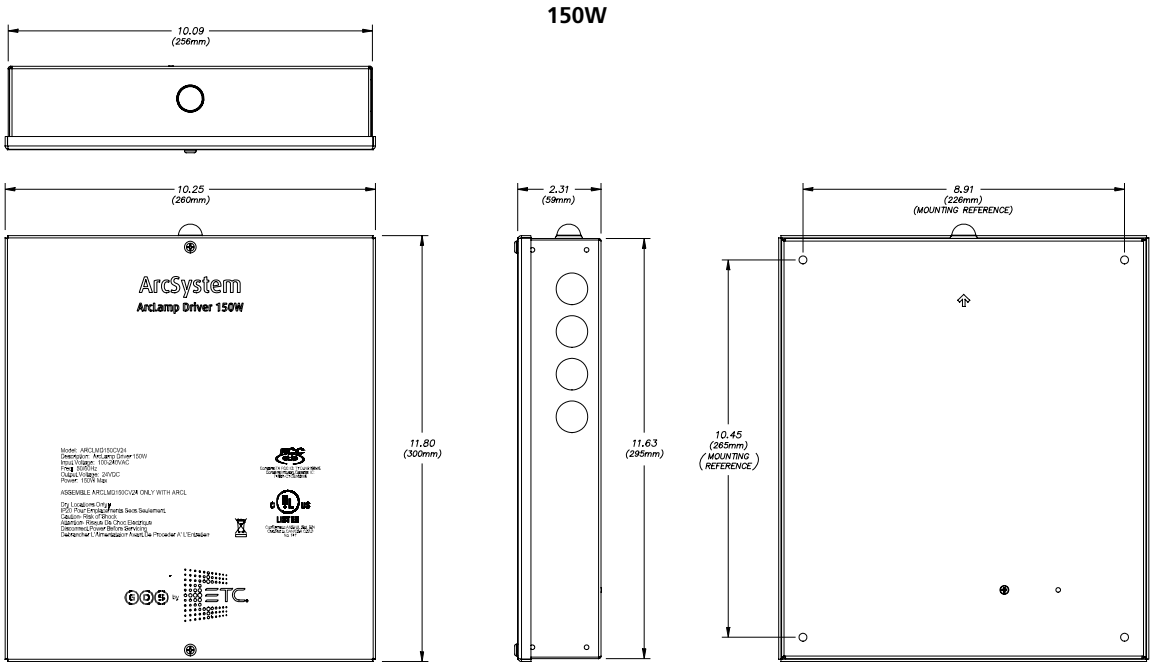
PHYSICAL

Product Dimensions

MODEL	HEIGHT		WIDTH		DEPTH	
	inches	mm	inches	mm	inches	mm
150W	11.09	282	8.20	209	2.28	58
350W	14.39	366	13.70	348	3.05	78
700W	14.39	366	13.70	348	3.04	78

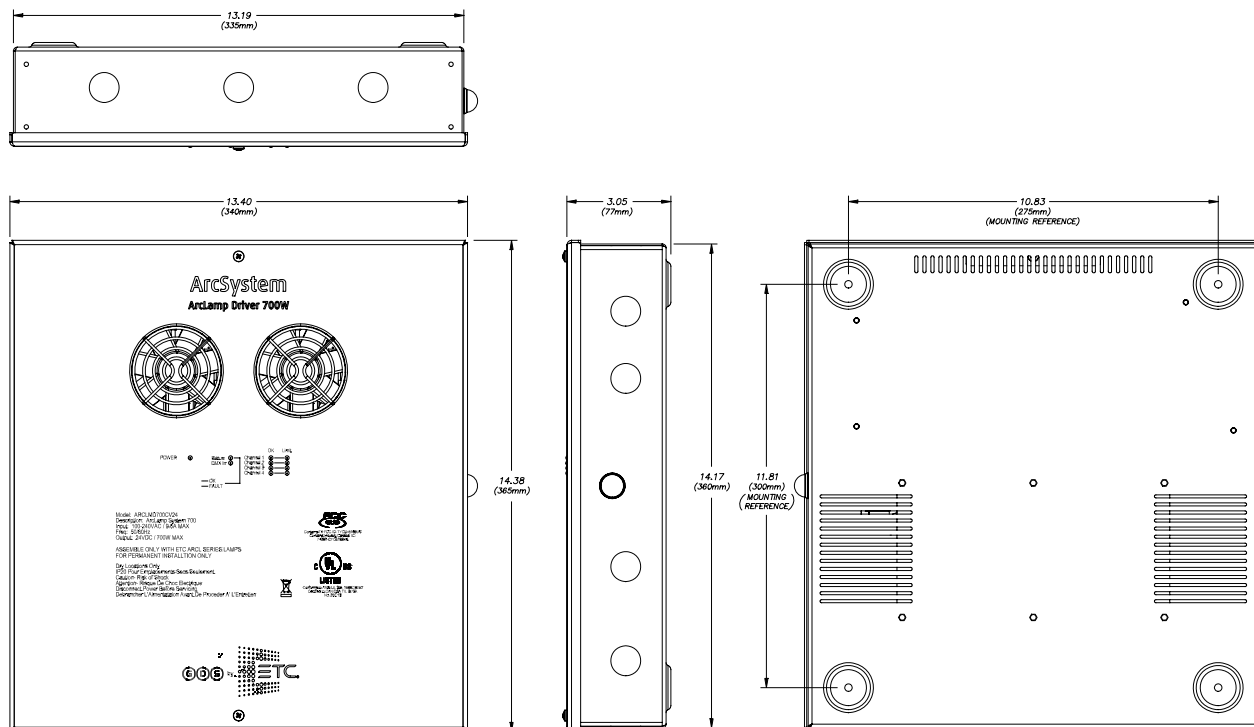
Product Weight

MODEL	PRODUCT WEIGHT		SHIPPING WEIGHT	
	lbs	kgs	lbs	kgs
150W	4.2	1.9	5.2	2.3
350W	9.4	4.3	10.6	4.8
700W	11.1	5	12.3	5.6



PHYSICAL

700W



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