

## Landscape Lighting Transformer IP67 Range

Order Code: 17576  
17577  
17578  
17579  
17580  
17581

Product Code: LTA-67/100  
LTA-67/150  
LTA-67/200  
LTA-67/300  
LTA-67/400  
LTA-67/500



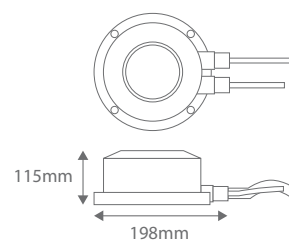
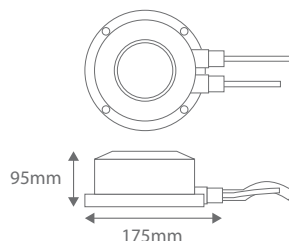
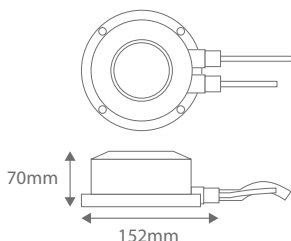
LTA-67/100



LTA-67/150  
LTA-67/200  
LTA-67/300  
LTA-67/400



LTA-67/500



**Description:** Amphibian landscape lighting transformers are a range of rugged, well sealed, IP67 transformers. The range consists of six power ratings: 100VA, 150VA, 200VA, 300VA, 400VA, and 500VA. (Dimmable with approved Dimmers. Please contact Domus Lighting for recommended Dimmers).

**Features:**

- Rugged encapsulated design ensures transformer and circuit board are environmentally protected.
- Suitable for direct burial in the ground (IP67 – temporary submersion).
- Plug pre-fitted to input cord suitable for DIY applications.
- Large copper output leads to suit professional wiring applications.
- Easy wall mounting with 4 external mounting holes.

## Approved Dimmers for use with Domus Amphibian Exterior Transformers

Manufacture	Type	P/N Tested	Test result	Style of Dimmer
HPM		400L	Recommended	Leading Edge
HPM		700L	Recommended	Leading Edge
HPM		400T	Works but not recommended	Trailing Edge
HPM	###E	300E, 400E, 500E	Not suitable	Leading Edge
Clipsal	32E###TM	32E450TM	Not suitable	Trailing Edge
Clipsal	32E###LM	32E450LM	Not suitable	Leading Edge
PDL	#3##	634M	Not suitable	Leading Edge
PDL	#2##	624M	Not suitable	Trailing Edge
HAGER BLU	WBMD###T	WBMD400T	Not suitable	Trailing Edge
HAGER BLU	WBMD###L	WBMD400L	Not suitable	Leading Edge

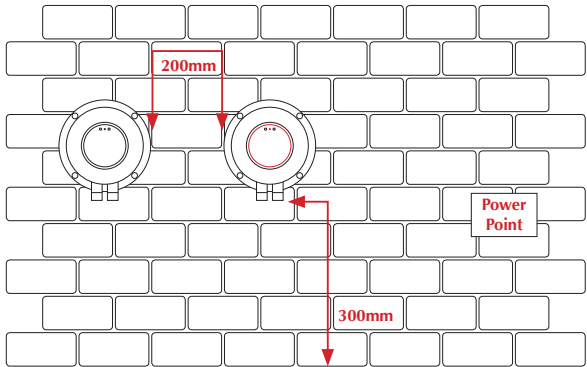
Domus will not be responsible for any damage or loss arising from the use of dimmers. This information is valid at the time of testing (October 07) and may change without notice.

## Technical Specifications

General	
Operating frequency	50Hz
Minimum input voltage	216VAC
Maximum input voltage	254VAC
Maximum ambient temperature	50°C

Electrical							
VA rating		100	150	200	300	400	500
Model: Input 240V 50Hz	Loaded output voltage	12.0					
	Unloaded output voltage	13.4	13.2	12.8	12.8	12.7	12.5
	Mains input current (Amps)	0.42	0.63	0.83	1.25	1.67	2.08
Rated output current (Amps)		8.3	12.5	16.7	25.0	33.3	41.7
Copper CSA of output cable mm <sup>2</sup>		4	4	6	6	8	8

Mechanical						
VA Rating	100	150	200	300	400	500
IP Rating	67					
Diameter (Excludes cable entries) mm (in)	152 (6.0)	175 (6.9)			198 (7.8)	
Height mm (in)	70 (2.75)	95 (3.75)			115 (4.5)	
Weight Kg (ib)	3.0 (6.6)	4.8 (10.6)	5.0 (11.0)	5.7 (12.6)	7.8 (17.2)	8.9 (19.6)
Carton size mm (in) L x W x H	170 x 215 85 (6.7 x 8.5 x 3.3)	185 x 235 x 110 (7.3 x 9.25 x 4.3)			205 x 255 x 125 (8.1 x 10.0 x 4.9)	
Carton weight (lb)	12.0 (26.5)	9.6 (21.2)	10.0 (22.0)	11.4 (25.1)	15.6 (34.4)	17.8 (39.2)

Installation Requirements	
Wall mounting	Underground (Burial)
<ul style="list-style-type: none"> <li>Wall mounting is recommended.</li> <li>Transformer should be mounted a minimum of 300mm above ground level.</li> <li>Multiple units should be at least 200mm (8") apart.</li> <li>Cable outlet should be face down (please refer to figure 1).</li> <li>Mounting should be a minimum of 500mm (20") from any other electrical appliance, and 3m (10ft) from heating devices such as barbeques, heaters, high powered lights (500W and above).</li> </ul> 	<ul style="list-style-type: none"> <li>Transformer must be placed either into an underground electrical enclosure or directly buried into the soil.</li> <li>Do not surround transformer with thick layers of garden mulch or other media with thermally insulating properties as this may impede cooling.</li> <li>Product is rated IP67 and therefore suitable for temporary immersion in water e.g. underground applications.</li> <li>Do not use in applications that require permanent submersion e.g. used underwater in ponds or water features.</li> <li>Input wiring should be run inside conduit.</li> <li>Follow local regulations for the connection and protection of input and output wiring.</li> <li>At installations where there are multiple transformers buried underground, they should be spaced at least 300mm (12") apart.</li> <li>Ensure transformer locations are marked or protected so as to eliminate the risk of damage from metal stakes or other object being driven into the ground.</li> </ul>