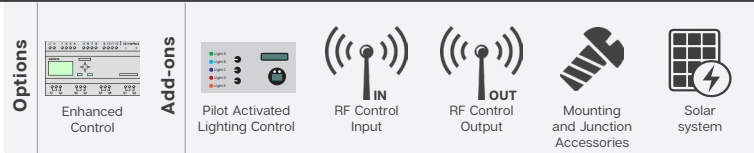


Heliport Lighting Controller

HLS T1 Controller



The HLS T1 (Type 1) Controller is an essential component of helipad lighting systems. It blends manual and remote-control functionality into a compact, intuitive and user-friendly package to provide power, monitoring and control of the installed helipad light fixtures.

The T1 helipad controller automatically evaluates the helipad lights for operation and performance. It is designed to work with a maximum of 24 perimeter lights and 4 floodlights and can also be connected to an illuminated wind direction indicator to indicate wind direction and speed.

The Controller is available in two input power configurations; a universal AC or DC and comes with optional enhanced control which includes light dimming control and interfaces for RF control output via an optional add-on.

As standard, the controller comes with BMS Input Control Interfaces (digital I/O or Modbus TCP/IP) and either RF input (via RF relay) or PALC (Pilot Activated Lighting Control) interfaces. The PALC enables remote operation of an unmanned heliport and is available with either CASA or FAA compliance.



Features

- Designed for optimised cabling, mounting and installation
- Solar optimised with optional solar add-on available
- Reduced lead times due to standardised build
- Application aligned control interfaces
- Industry and application standard monitoring interface

Cost Effective

- Reduced lead times
- Single supplier product with all lighting also available from Avlite

Easy to Install

- Convenient design
- Optimised for reduced installation time

Applications

- Surface Level/ Terrestrial Heliports
- Elevated Heliports

Turn-key Heliports

- Quick and easy purchase of all light using standard T1 Controller
- Industry and application standard monitoring interface

Reliable

- 3 year warranty on Control enclosure

Options

- Enhanced control
 - Light Dimmability
 - RF Control Output add-on compatibility

Add-ons

- RF Control Input add-on
- RF Control Output add-on
- PALC (Pilot Activated Lighting Control)
- Solar add-on
- Control unit mounting hardware
- Junction boxes

Technical Specifications*

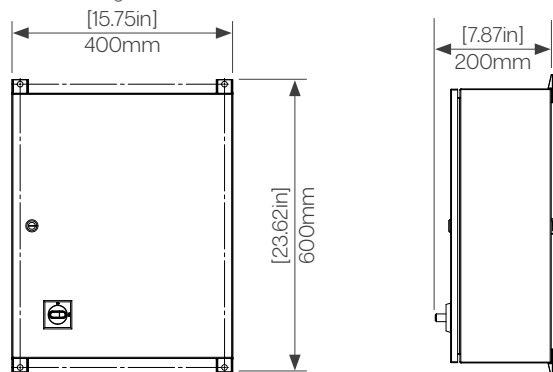
HLS T1 Controller		AC		DC	
Electrical Characteristics					
Input					
Input Voltage		90-264 VAC		18-30 VDC	
Input Frequency		50 / 60 Hz		N/A	
Power Consumption					
Peak		552 VA		20W ¹	
Interfaces					
Control		Manual, Digital Input (I/O), Modbus TCP/IP			
Monitoring		Modbus TCP/IP			
Physical Characteristics					
Dimensions		Height (inches/mm)	Width (inches/mm)	Depth (inches/mm)	Mass (lbs./kg)
Control Unit		23.62 / 600	15.75 / 400	7.87 / 200	63 / 28.5
Mounting					
Control Unit		Wall mounted (mounting accessories available)			
Certifications and Compliance					
CE		EN61000-6-3:2007, EN61000-6-1:2007			
Quality Assurance		ISO9001:2015			
Protection Rating		IP65/NEMA4X			
Intellectual Property					
Trademarks		AVLITE® is a registered trademark of Avlite Systems			
Warranty * Options Available Add-ons Available		3 year warranty			
		Enhanced control with Light Dimmability and RF Control Output add-on compatibility			
		RF Control Input			
		RF Control Output			
		PALC (Pilot Activated Lighting Control)			
		Solar System			
		Control unit mounting hardware			
		Junction Boxes			

1. Excludes distributed power to light fixtures

Technical Illustrations

Controller

Note: Mounting hardware not included.



How to Order HLS T1 Controller

AV-HL-CTRL-T1 - [?] - [?]

Product No.: _____

Input: _____

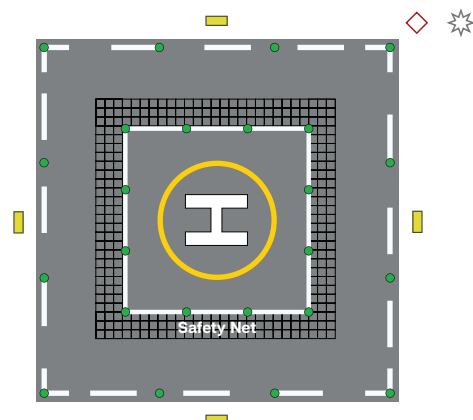
DC = DC

UM = AC (universal mains/inputs)

Configuration: _____

00 = No Options

01 = Enhanced Control



● 24 perimeter lights

■ 4 Flood lights

◆ T1 Controller

★ Illuminated Wind Cone



* Specifications subject to change or variation without notice
* Subject to standard terms and conditions