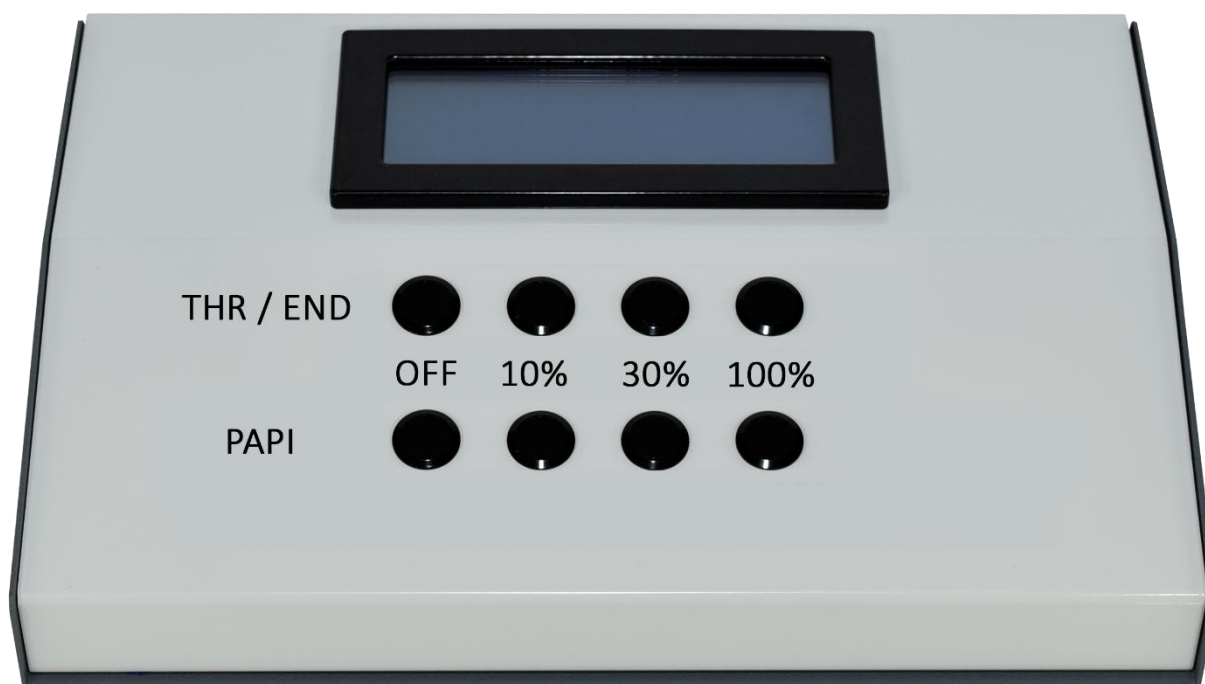


Radio Console Controller



Compliance to standards

ICAO:

Annex 14, Volume II - Heliports

EMC emission:

EN55032 (CISPR32) Class B

EN61000-3-2 Class A

EN61000-3-3

EAC TP TC 020

EMC immunity:

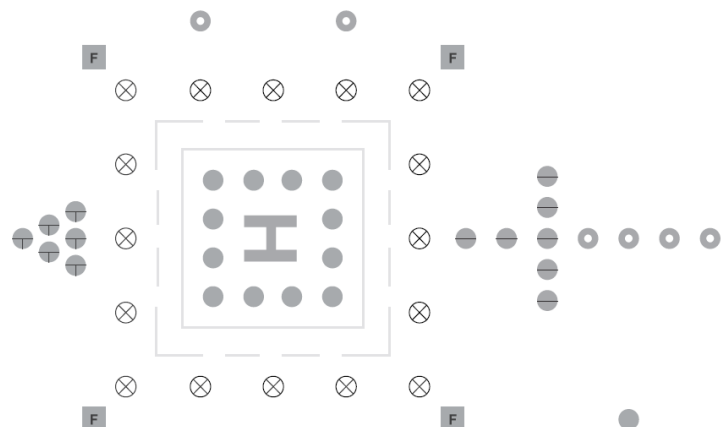
EN61000-4-2,3,4,5,6,8,11

EN55024, light industry level, criteria A

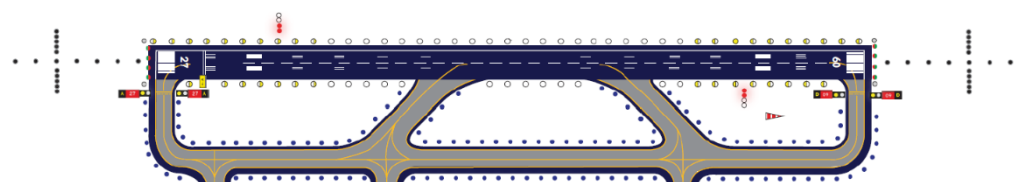
EAC TP TC 020

Application

Radio control for heliport and airport Polaris lighting systems.



- Aiming Point Lights
- ⊗ FATO Lights
- Floodlights
- Approach Lights
- Taxiway Lights
- TLOF Lights
- Approach
- Beacon Light



- Taxiway
- Approach
- Runway Edge
- Threshold/Runway Enc
- RTIL
- Runway Guard Light
- ∞ PAPI/ APAPI
- Windcone
- Direction
- Location and Runway hold position

	AL - 150 - AX																	
Product Code	Series Indicator (Airfield Lighting)		AL															
	Product Indicator		150															
	Description of product type (accessory)		AX															
Features	Radio Console Controller is a radio remote control device compatible with Polaris lighting systems.																	
	The communication is realized through: LORA radio communication.																	
	The controller can be preconfigured at the factory to operate on one of the following frequencies: 868 Mhz for Europe, 915 Mhz for the United States, or optionally 433 Mhz.																	
	Antenna:	Can be	- Built-in - External															
		Orientation:	- Directional - Omnidirectional															
	Range		- 2 km up to 10 km															
	The controller has different circuits.																	
	Example: THR/END PAPI	→																
	Settings: Brightens level control (dimming) - 10%, 30% and 100% Circuits ON/OFF																	
	Also, the controller can operate the lamps in two modes:																	
	- visible mode (lights) - invisible mode (infrared).																	
	The console can be updated via the micro-USB port.																	
																		
Front Panel Descriptions	Front panel example:																	
	<table><tr><td>THR/END</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>OFF</td><td>10%</td><td>30%</td><td>100%</td></tr><tr><td>PAPI</td><td></td><td></td><td></td><td></td></tr></table>	THR/END						OFF	10%	30%	100%	PAPI					←	Off / brightness level section buttons for "THR/END" CIRCUIT
THR/END																		
	OFF	10%	30%	100%														
PAPI																		
		←	Off / brightness level section Buttons for "PAPI" circuit															

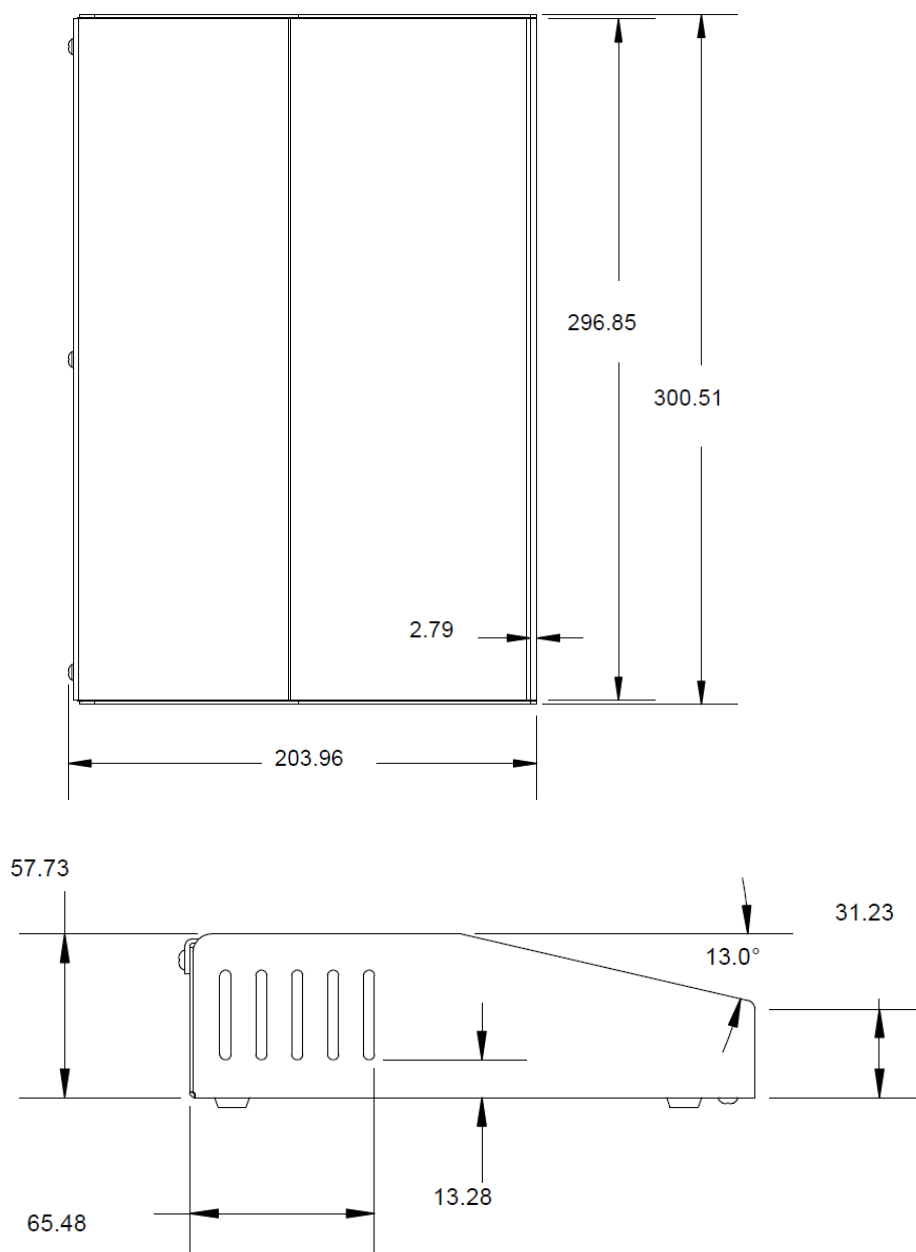
**Electrical
Characteristics**

Power supply: 110-240V, 50/60Hz

**Mechanical
Characteristics**

Housing - powder-coated metal (gray)

Cable gland - nickel plated brass





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