

5610 ActiveAhead Adapter DA

ActiveAhead Adapter DA is a member of the truly intelligent wireless lighting control solution Helvar ActiveAhead®. It enables standard DALI LED drivers to be used in a wireless ActiveAhead luminaire. It connects an ActiveAhead Node and has a DALI output to connect one to four DALI LED drivers.

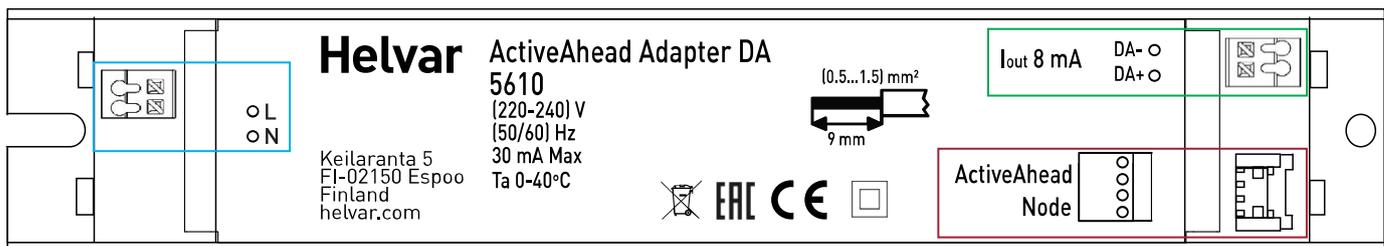
The ActiveAhead solution has the ability to continuously learn from the space usage and adapt the lighting accordingly. Configuration can be easily completed using the ActiveAhead mobile app.



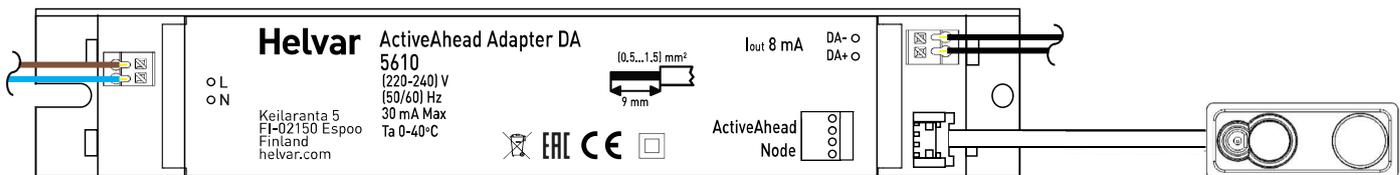
Key Features

- Enables DALI LED drivers to be used in an ActiveAhead luminaire
- Inbuilt DALI power supply
- Connects an ActiveAhead Node
- Part of the ActiveAhead self-learning wireless lighting control solution
- Stain relief (5006000) available

Connections

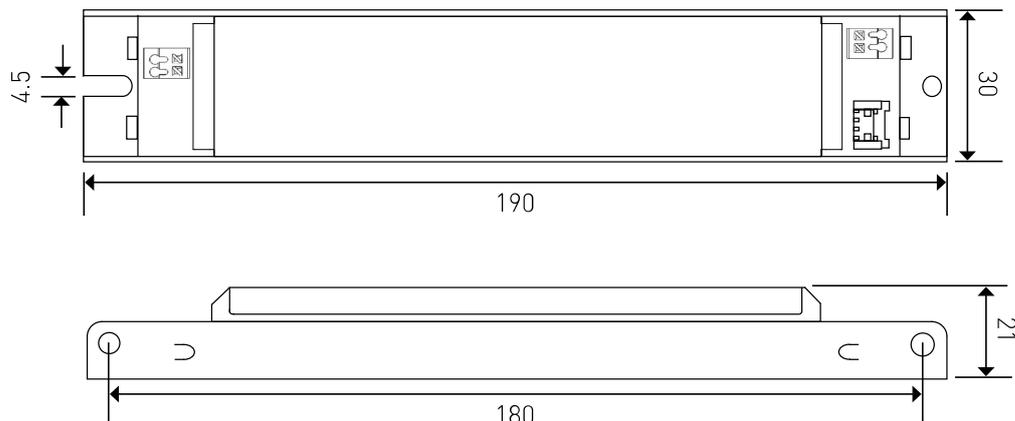


The picture below shows how an ActiveAhead Node Sense is connected to a Freedom Adapter DA.



Note: Sensor is not isolated from DALI.

Dimensions (mm)



Technical Data

Connections

Mains:	2 × 2-pole push-fit terminals Wire section: 0.5–1.5 mm ² , solid or stranded
DALI:	2 × 2-pole push-fit terminals Wire section: 0.5–1.5 mm ² , solid or stranded
ActiveAhead Node:	ActiveAhead Node / Node Sense

Electrical data

Input voltage range:	220–240 V
Input current:	Max. 30 mA
Input power:	Max. 1.5 W (DALI short circuit)
Input frequency:	50–60 Hz
Output current for DALI:	Guaranteed 8 mA (Max. 250 mA)
Node interface:	3.3 V
No load power consumption:	0.15 W
Insulation between circuits and driver case:	Mains circuit – ActiveAhead Node interface and DALI output basic isolated Mains, Interface and output – Driver case double isolated

Operating and storage conditions

Number of connected DALI devices:	Max. 4 DALI LED drivers
Max. DALI cable length:	10 m
Operating temperature:	0 °C to +40 °C
Relative humidity:	Max. 85 %, noncondensing
Storage temperature:	-20 °C to +70 °C

Mechanical data

Dimensions:	190 × 30 × 21 mm
Material (casing):	Steel
Weight:	100 g
IP rating:	IP00

Conformity and standards

Conformity:	
EMC emission:	EN 55015
EMC immunity:	EN 61547
Safety:	EN 61347-1
Environment:	Complies with WEEE, RoHS and REACH directives.