

# 5611 Node Link

The Node Link offers a link between the truly intelligent wireless lighting solution Helvar ActiveAhead® and the wired DALI based lighting management system Helvar Imagine. The Node Link allows to choose which ActiveAhead groups are made visible on the Imagine system. Also, the whole nearby ActiveAhead mesh network can be linked on to the Imagine system.

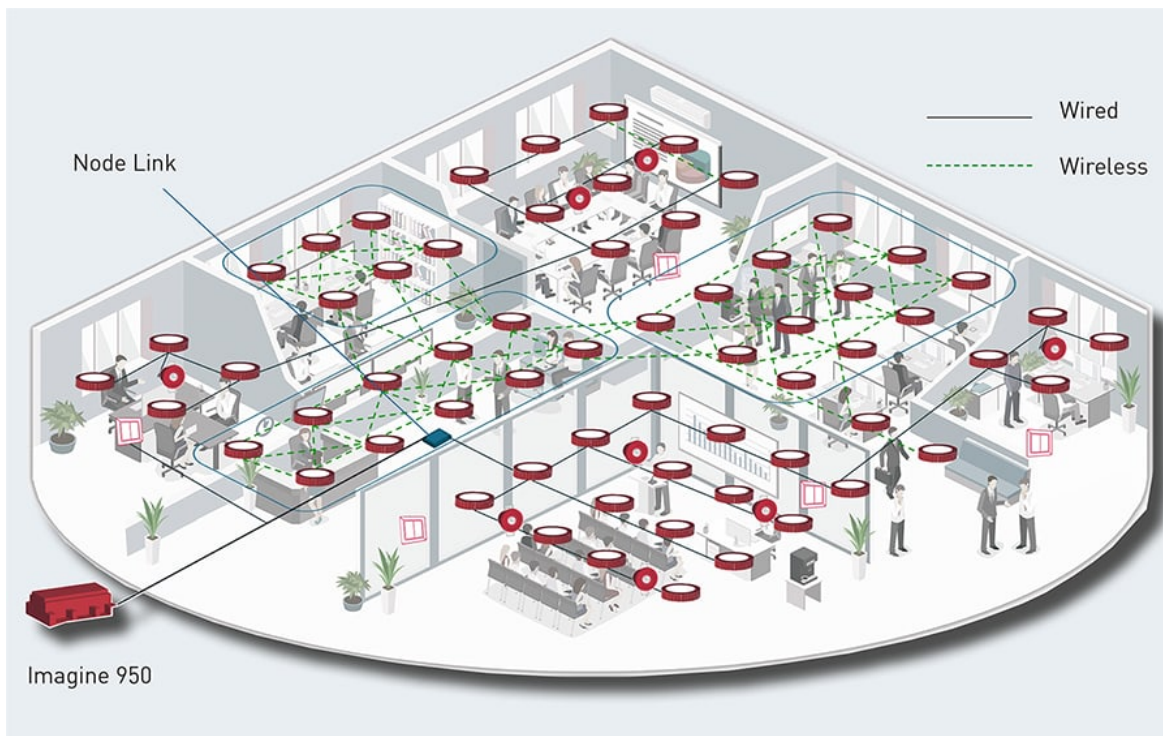
The solution optimizes the communication between the systems and minimizes the number of required DALI addresses on the Imagine system. No additional devices are needed to link the systems making the process simple to design, install and setup.



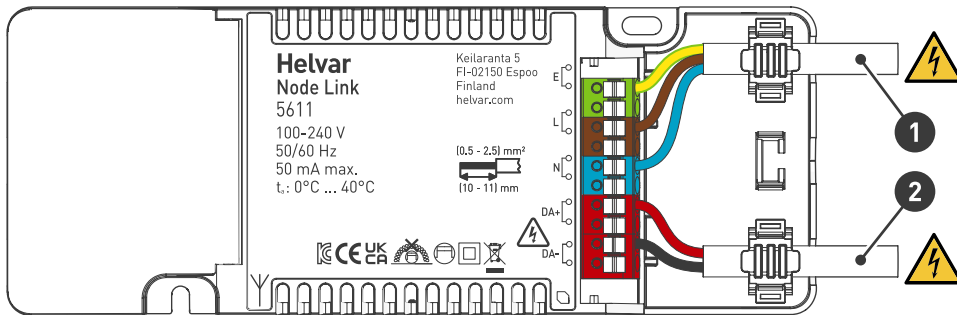
## Key Features

- Enables a hybrid lighting solution with ActiveAhead and Imagine solutions
- Get occupancy data from ActiveAhead to the Imagine solution
- Control ActiveAhead solution from the Imagine solution
- Use ActiveTune personal lighting control on Imagine solution

## Installation Diagram



## Connections



1. Mains supply
2. DALI connectors

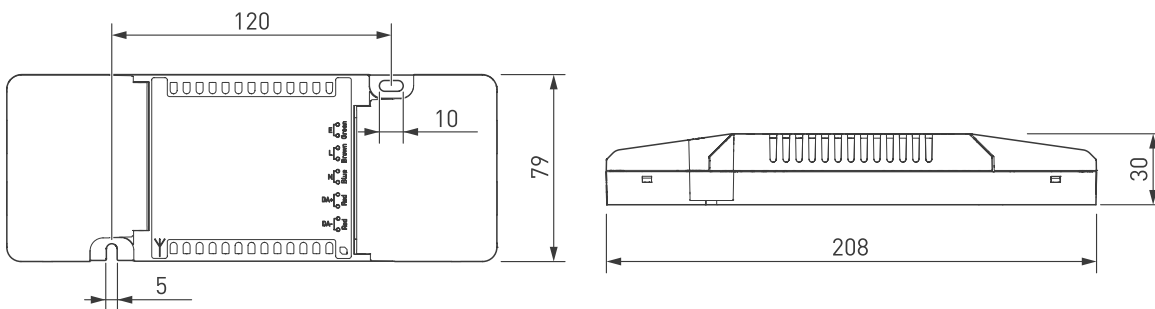
⚠ **Warning:** FELV terminals marked "Risk of electric shock" are not safe to touch!

**Note:** The wire cover has been removed from the unit for this illustration.

**Note:** Do not cover! Leave a minimum clearance of 50 mm.

An independent controlgear that can be used where normally flammable materials, including building insulation, are or may be present, but cannot be abutted against any material and cannot be covered in normal use.

## Dimensions (mm)



# Technical Data

## Links

Control link on DALI system:	DALI Part 102-209: DT8 Colour control LED lamp
Sensor link on DALI system:	DALI Part 103-303: Occupancy sensor DALI Part 103-304: Light sensor
Wall panel link on DALI system:	DALI Part 103-301: Push button
ActiveTune link on DALI system:	DALI Part 103-302: Absolute input device
Number of links:	Max. 7 control links Max. 7 sensor links Max. 8 wall panel and ActiveTune links combined with max. 4 wall panels per wall panel link and max. 4 ActiveTune QR codes per ActiveTune link.

## Connections

Doubled terminals for extending the mains and DALI cables

Mains:	3 × 2-pole push-fit terminals Wire section: 0.5–2.5 mm <sup>2</sup> , solid or stranded.
DALI:	2 × 2-pole push-fit terminals Wire section: 0.5–2.5 mm <sup>2</sup> , solid or stranded.

## Electrical data

Mains supply:	100–240 VAC, 50/60 Hz, Max. 50 mA
Input power:	Max. 1 W
DALI consumption:	Max. 2 mA
Isolation mains to DALI:	Basic isolation (250 V)

## Wireless connectivity

Frequency:	2.4 GHz
Technology:	Bluetooth® Mesh
Antenna pattern:	Omnidirectional
Max. distance to closest ActiveAhead Node:	10 m
Max. distance to furthest linked ActiveAhead Node on the mesh network:	30 m
Max. distance to wireless wall panel:	10 m
Max. distance to mobile device using the ActiveTune app:	10 m




## Operating and storage conditions

Operating temperature:	0 °C to +40 °C
Relative humidity:	Max. 85 %, noncondensing
Storage temperature:	-20 °C to +70 °C

## Mechanical data

Dimensions:	208 x 79 x 30 mm
Material (casing):	PC-FR
Colour:	White (RAL 9016)
Weight:	182 g

## Conformity and standards

Conformity:	  
EMC emission / immunity:	EN 55015 / EN 61547
RED:	EN 300 328, EN 301 489-1, EN 301 489-17
Safety:	EN 61347-2-11
Environment:	Complies with WEEE, RoHS and REACH directives.