

## Air Connector

Project · Reference number

Date

## Product data sheet

**Application**

Air Connector for configuration and control of DALI operating devices via a mobile radio connection according to NB-IoT standard.

The Air Connector with built-in DALI power supply serves as an interface to the BEGA Connect Cloud, enabling control of DALI luminaires. The device is conveniently configured and parameterised via the free BEGA Connect app for iOS and Android.

**Product description**

The BEGA Air Connector is suitable for controlling the following functions:

- on/off
- Dimming
- Scenarios
- Colour temperature (DT8)
- Colour control (DT8)

DALI control output

for joint switching and dimming of max. 20 DALI operating devices  
QR code for convenient setup using a smartphone or tablet PC

Status LEDs

Integrated aerial

Bands: Band 20 (791–862 MHz)

and band 8 (880–960 MHz)

Max. output +22.3 dBm

Radio standard: NB-IoT

Connection terminals 0.5–2.5<sup>2</sup>

Supply voltage:

100–240 V  $\sim$  0/50–60 Hz

DALI out:  $I_{ps} = 100\text{ mA}$

DALI out:  $I_{ps,max} = 250\text{ mA}$

DALI voltage:  $U_{(DALI)} = 16\text{ VDC}$

No-load power: 0.5 W

Input power: max. 10 W

Starting current: 18.4 A / 150  $\mu\text{s}$

Overvoltage category III

Overvoltage protection: 2 kV

Ambient temperature: -20 °C to +70 °C

RoHS-compliant

WEEE 2012/19/EU

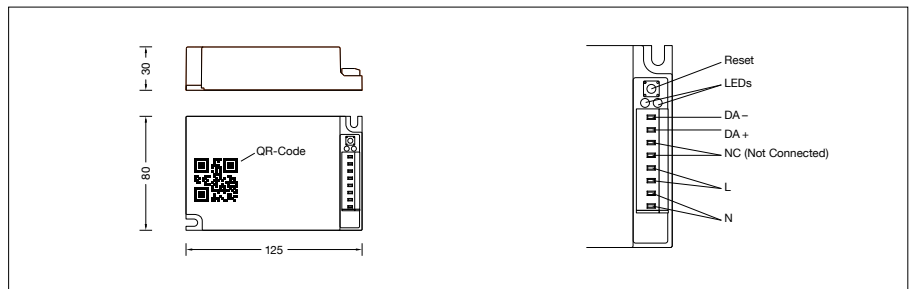
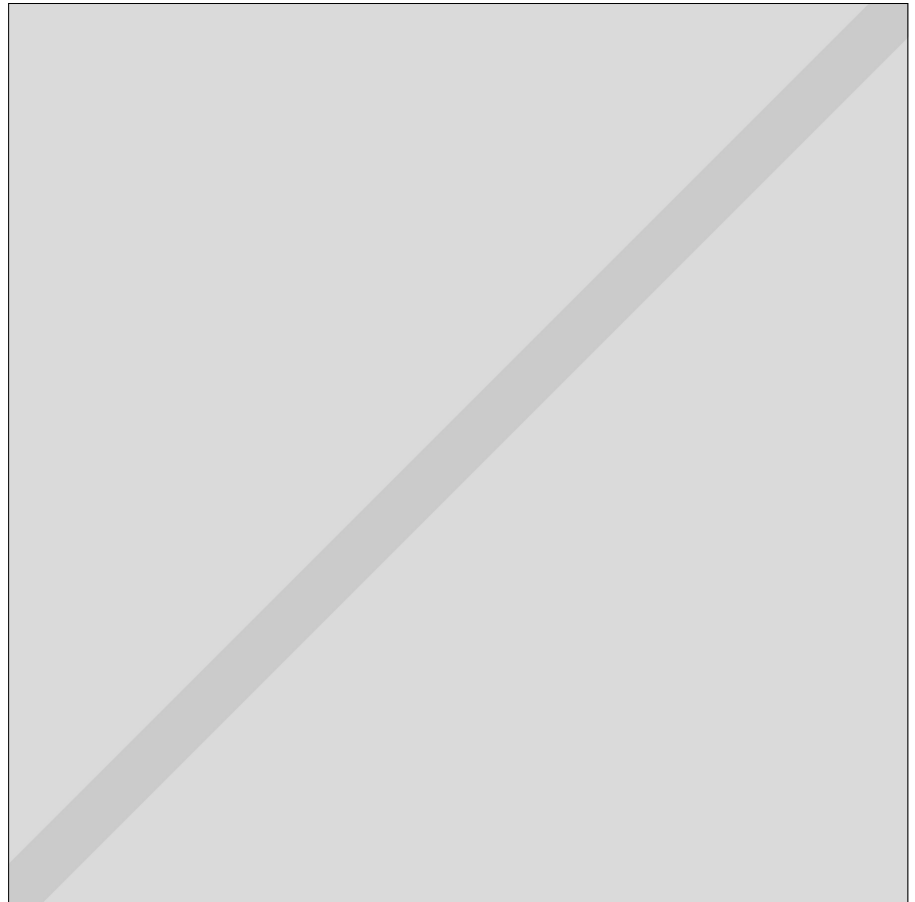
**CE** – Conformity mark

Weight: 0.15 kg

**EU Declaration of Conformity**

BEGA Gantenbrink-Leuchten KG hereby declares that the radio system type 71 298 complies with Directive 2014/53/EU (RED). The complete text of the EU Declaration of Conformity is available at the following Internet address:

<https://www.bega.com/conf/de/71298>

**Network coverage**

For information on the current NB-IoT network coverage, please refer to our website [connect.bega.com](http://connect.bega.com).