BEGA

71 297

Air Connector in a pole housing

IP 65

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. Ready-to-connect unit for mounting on luminaire poles or on-site structures.

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 smartphone or tablet PC using 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
Housing base made of aluminium, cast aluminium and stainless steel
Cylinder made of synthetic material, colour graphite
Required recessed opening ø 30 mm
for mounting on luminaire poles ø ≥ 60 - 220 mm
or on-site structures
Connecting cable X05BQ-F 5 G 1 mm²
Cable length 6 m
Supply voltage:
100-240 V ⏦ 0/50-60 Hz
DALI out: I_{ps} = 100 mA
DALI out: I_{ps_max} = 250 mA
DALI voltage: $U_{(DALI)}$ = 16 V DC
No-load power: 0.5 W
Input power: max. 10 W
Starting current: 18.4 A / 150 μs
Overvoltage category III
Overvoltage protection: 2 kV
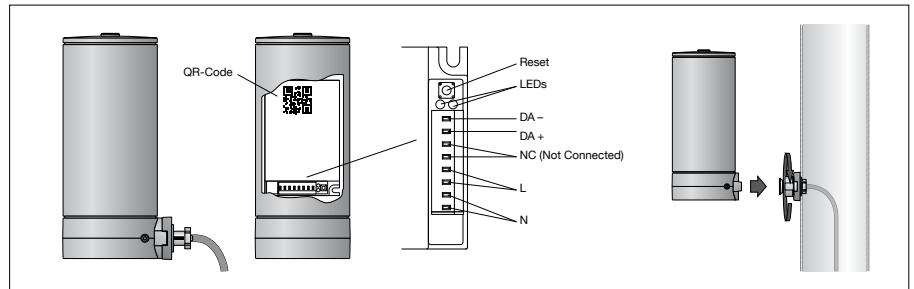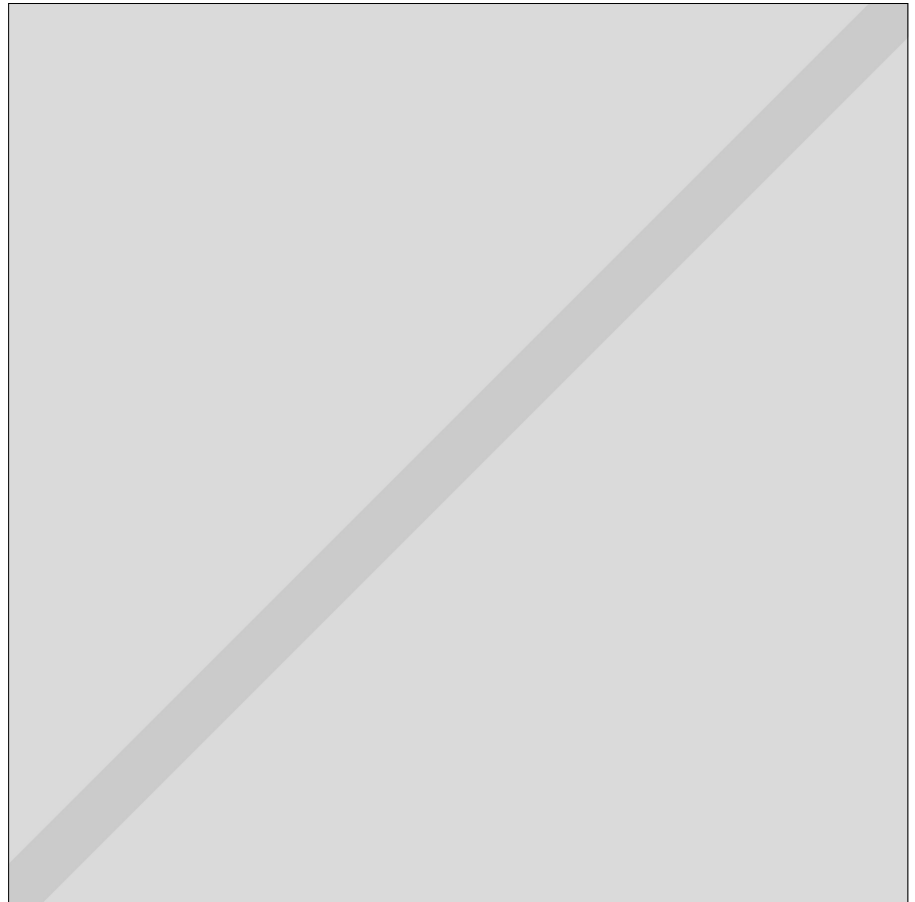Ambient temperature: -20°C to +70°C
RoHS-compliant
WEEE 2012/19/EU
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
CE – Conformity mark

EU Declaration of Conformity
BEGA Gantenbrink-Leuchten KG hereby declares that the radio system type 71 297 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/71297

Network coverage
For information on the current NB-IoT network coverage, please refer to our website connect.bega.com.

Article No. 71 297
Colour graphite or silver
graphite – article number
silver – article number + **A**