

Tools Required:

- 30mm drill bit or hole saw
- Adjustable wrench
- 3mm hex head screwdriver

Overview:

Operating Voltage: 120-277V
 Connected Devices: Max. 20 DALI-2 enabled devices
 Controllability: DALI-2
 Weight: 4.0 lbs.
 Protection Class: IP65

Notice to Installer:

1. See page 2 for specific product safety warnings and an example wiring diagram.
2. Wet location listing does not imply suitability for exposure to standing water for long periods of time.
3. BEGA Air Connector 71297 for pole mount applications only.
4. For information on the current NB-IoT network coverage map, please refer to our website <https://connect.bega.com/en-us>
5. The Air Connector has an integrated DALI power supply and must be permanently connected to main electrical power.
6. Only for use with DALI-2 enabled luminaires or sensors, see website for compatible products.
7. **IMPORTANT:** the separately enclosed QR code labels are identical to the print on the Air Connector. Please save these labels with the assigned specifications for the installation site (room description, location, etc.) with your documentation.

Installation:

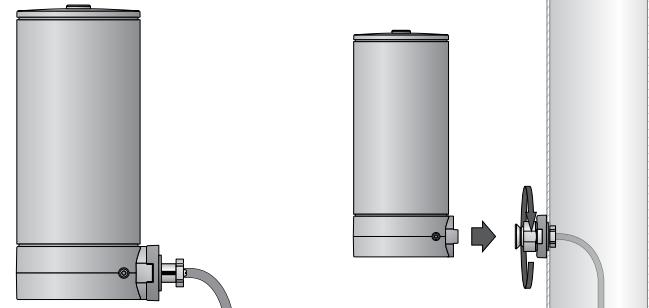
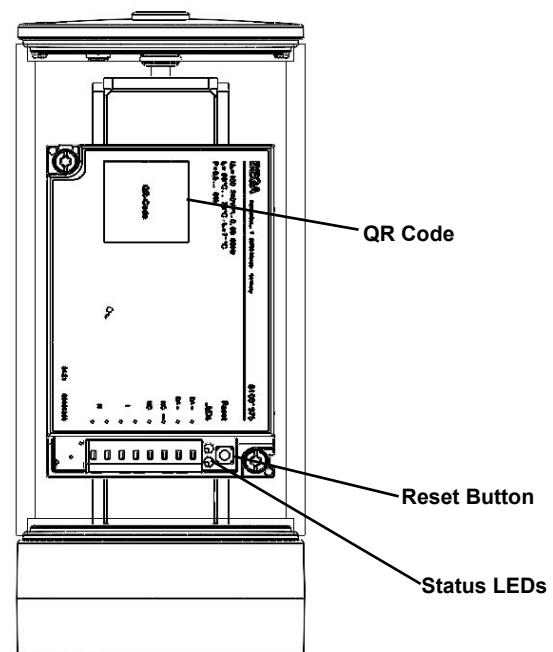
1. Remove the pole adaptor piece by loosening the (2) 3mm hex head screws at the base near the adaptor.
2. Mark desired location of pole adaptor and drill a 30mm opening. Deburr to ensure there are no sharp edges.
3. Insert adaptor into opening and tighten stainless steel ring to secure (torque = 30Nm)
4. Pole mount air connector is provided with 6' of 18/5 cable. Route cable through adaptor into pole to location suitable to make supply connections:
 MAIN ELECTRICAL POWER (L) TO BLACK CABLE WIRE
 NEUTRAL (COMMON) SUPPLY (N) TO WHITE CABLE WIRE
 GREEN GROUND (G) TO GREEN CABLE WIRE
5. DALI control connections:
 DALI DIM CONTROL (DA+) TO PURPLE CABLE WIRE
 DALI DIM CONTROL (DA-) TO PINK CABLE WIRE
6. Secure pole mount housing to pole adaptor and tighten the (2) 3mm hex head screws to secure into place.

Initial Set Up:

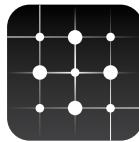
1. Once the Air Connector is installed and receiving power, it is then configured via smartphone or tablet using the BEGA Connect App.
2. The Air Connector should be in the factory settings and have established a connection to the mobile network in order to be configured successfully. This status is indicated by the continuous green status LED (Figure 2).
3. Download and start the BEGA Connect App.
4. In the app, select the Air Connector and follow the instructions.
5. **NOTE:** Allow the Air Connector time to connect to the cloud and commission connected devices. Lights will switch on and off during this process. Wait for all lights to reach solid state before trying to configure via the BEGA Connect App and Website.

Reset to Factory Settings:

1. If the installation is not carried out properly or if access via the BEGA Connect app is no longer possible, the Air Connector should be reset to its factory settings. Press and hold the reset button for at least 10 seconds until the red and green LEDs start flashing several times. Confirm the reset within 3 seconds by briefly pressing the button again. The red LED will light up briefly.
2. The Air Connector will restart and now be reset to its factory settings. The green LED will flash until a successful connection via Narrowband IoT to the BEGA Connect Cloud has been established.
3. If factory reset stalls, power cycle the Air Connector and wait 5 minutes before trying to factory reset again.

**Figure 1:****Figure 2:**

LED colour	Behaviour	Status
None	Off	No power supply
Green	Continuous illumination	Air Connector in operational mode, stable connection via narrowband IoT
	Flashing	Searching for narrowband IoT connection
Red	Continuous illumination	Air Connector in operational mode, no connection via narrowband IoT
	Flashing	Successfully reset, waiting for new configuration
Red + Green	Flashing	Reset process triggered, waiting for button confirmation



Download App
 BEGA Connect



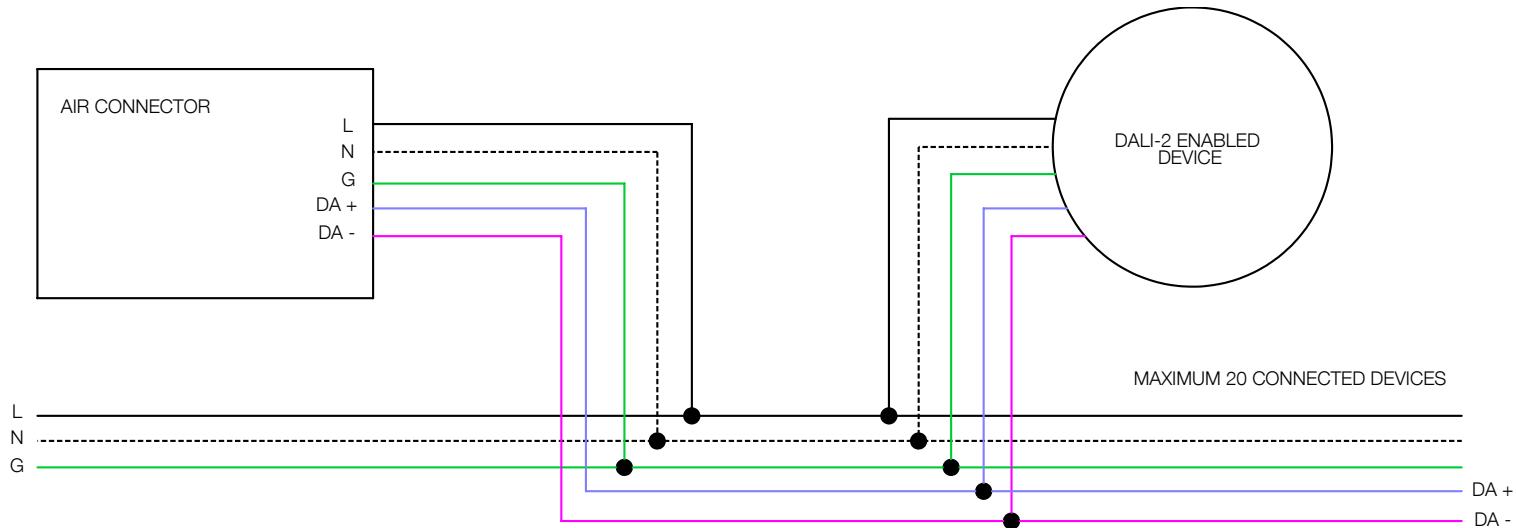
bega.com/bega-connect-ios



bega.com/bega-connect-android



Air Connector: Wiring



NOTES

- Maximum distance between the Air Connector and the farthest DALI device must not exceed 1000ft.
- Each Air Connector can support a maximum of 20 DALI-2 enabled devices.
- Ensure the maximum power consumption on the DALI bus does not exceed 100mA
- The BEGA Air Connector is suitable for controlling the following functions:
 - on/off
 - dimming
 - scenarios
 - color temperature (DT8)
 - color control (DT8)

Product Safety Warnings:

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

SUITABLE FOR WET LOCATIONS. CAUTION: MORE THAN ONE POWER SUPPLY PRESENT

MIN 90°C SUPPLY CONDUCTORS.

CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS.

CONVIENT AUX EMPLACEMENTS MOUILLÉS.

LES FILS D'ALIMENTATION 90°C MIN.

INPUT RATINGS: 120-277V, 0.5A 10W 50-60Hz

OUTPUT RATINGS: 16VDC 100mA (250mA MAX) LVLE / LED CLASS 2