The new DALI Broadcast Controller DBC allows an easy and efficient method of implementing energy-optimized shop floor lighting systems. DALI Light fixtures in large contiguous areas can now easily be addressed by broadcast commands instead of conventional single device-addressing.

The DBC offers 4 DALI output channels with up to 64 DALI devices each and occupies only four DALI addresses of the DALI-network at the NetComposer. This results in reduction of the required lighting control components and substantial simplification of the setup. Several DBCs can be operated in one DALI-network at the NetComposer. Each of the 4 DBC channels allows a current consumption of up to 250 mA.

For optimal lighting control up to 4 daylight and/or motion sensors can be installed per DBC channel. The installed sensors are connected through the DBC directly to the DALI – network, each sensor occupies a separated DALI address at the NetComposer. With the information provided by the sensors, daylight and presence depending shop floor illumination is achieved. This will assure energetically optimized power consumption for the total building.