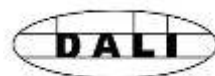




# Lunatone

expertise and passion for advanced technologies  
and pioneering systems



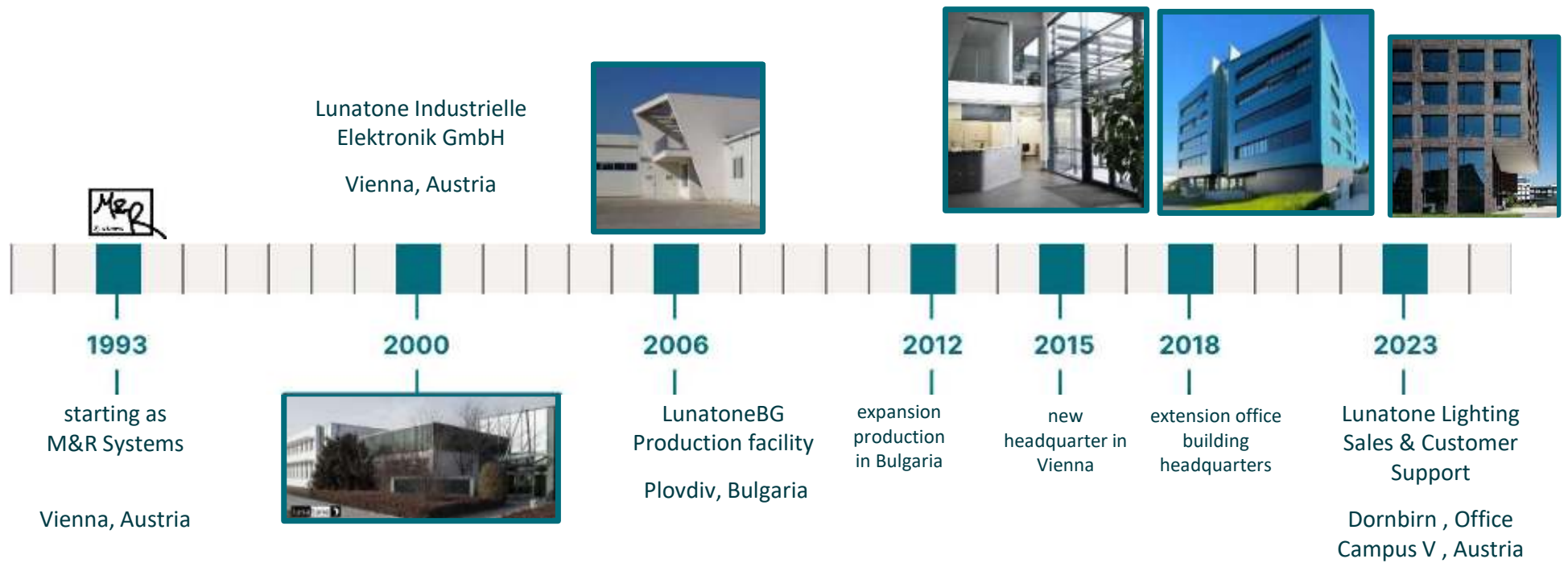
# THE POWER OF DALI-2

 **Lunatone**



# LUNATONE MILESTONES

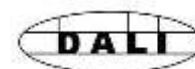
30 years of experience with lighting controls and digital dimmable ballasts

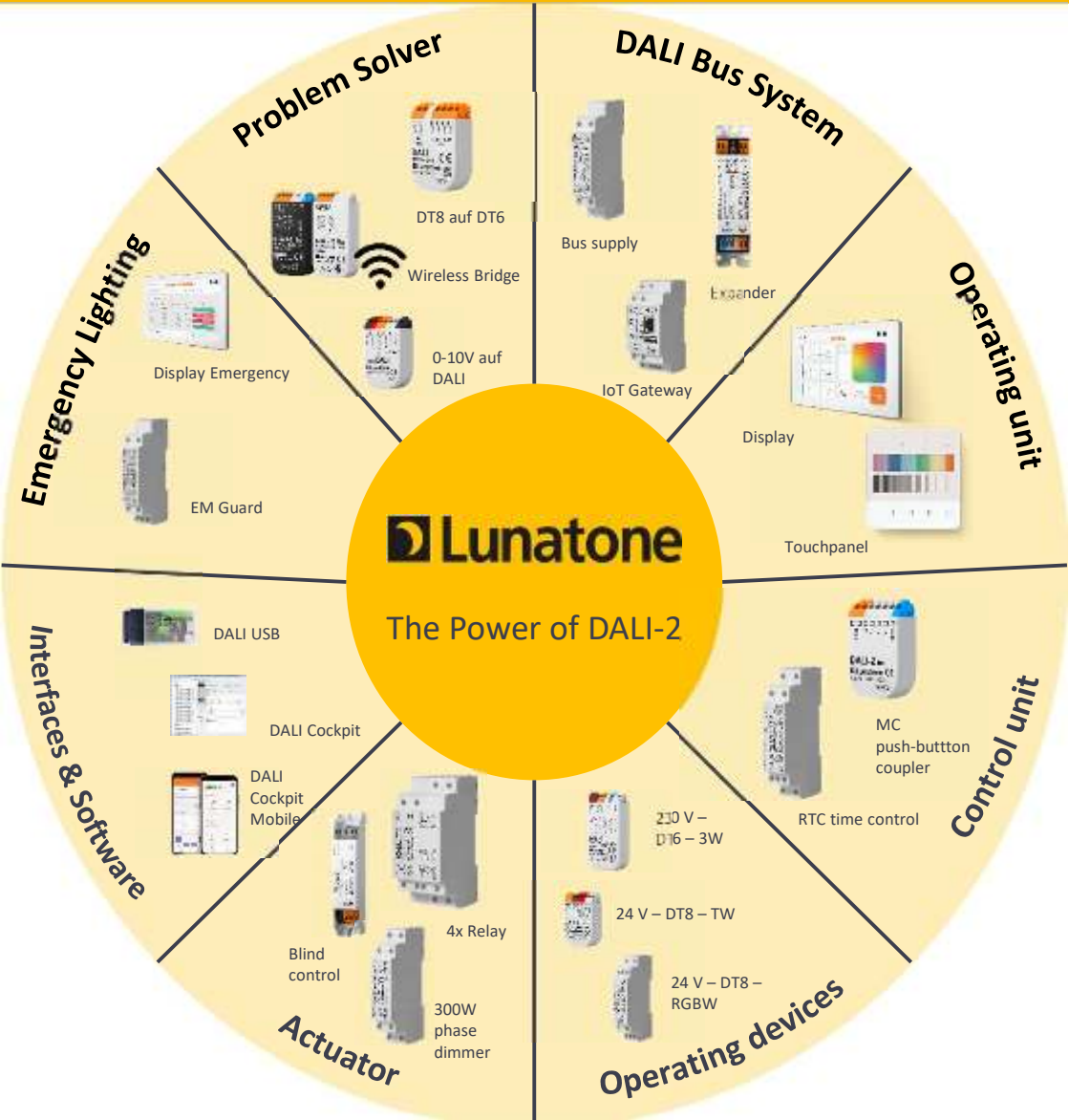




## LIGHT MANAGEMENT SYSTEM

 **Lunatone**

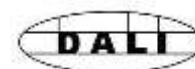






## DALI BUS POWER SUPPLY & EXTENSION

 **Lunatone**



## DALI-2 Power Supply



|                                       | DALI-2 PS         | DALI PS2       | DALI PS128     | DALI PS2 80mA     | DALI PS2 30mA     | DALI PS24 100mA   | DALI PS12 100mA   |
|---------------------------------------|-------------------|----------------|----------------|-------------------|-------------------|-------------------|-------------------|
| <b>Input Voltage Range</b>            | 120-240 Vac       | 120-240 Vac    | 120-240 Vac    | 120-240 Vac       | 120-240 Vac       | 24-48 Vdc         | 9-16 Vdc          |
| <b>Guaranteed DALI Supply Current</b> | 220mA             | 200mA          | 128mA          | 80mA              | 30mA              | 100mA             | 100mA             |
| <b>Reserved DALI Supply Current</b>   | 250mA             | 230mA          | 150mA          | 120mA             | 50mA              | 130mA             | 130mA             |
| <b>Installation type</b>              | DIN rail mounting | remote ceiling | remote ceiling | flush-mounted box | flush-mounted box | flush-mounted box | flush-mounted box |

## DALI EXPANDER & REPEATER

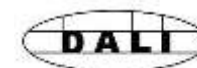


|                              | DALI-2 EXPANDER DO | DALI-2 EXPANDER S | DALI-2 EXPANDER DIN RAIL | DALI EXPANDER 3       | DALI REPEATER DIN RAIL | DALI REPEATER PS                    | DALI REPEATER PS DIN RAIL           |
|------------------------------|--------------------|-------------------|--------------------------|-----------------------|------------------------|-------------------------------------|-------------------------------------|
| <b>Input Voltage Range</b>   | 100-240V AC        | 100-240V AC       | 110-230V AC              | 100-240V AC           | DALI line: 6mA         | DALI line: 2mA<br>100-240V AC input | DALI line: 6mA<br>110-230V AC input |
| <b>DALI Bus Power Supply</b> | 25mA               | 200 mA            | 200 mA                   | 3 x 50mA              | -                      | 200mA                               | 200mA                               |
| <b>Certification</b>         | DALI-2 / UKCA      | DALI-2 / UKCA     | DALI-2/UKCA              | DALI/ UKCA / ENEC /RU | ENEC                   |                                     |                                     |



## INPUT DEVICES, CONTROL UNITS & SENSORS

 **Lunatone**



## Control devices



|                                            | DALI-2<br>ROT | DALI-2<br>ROT 3/5 | DALI-2 MC | DALI-2<br>MC4L | DALI-2<br>SWITCH CROSS | DALI-2<br>TOUCH<br>PANEL | DALI-2 BT5<br>ROOM CONTROLLER | DALI-2<br>DISPLAY 4 | DALI-2<br>DISPLAY 7 |
|--------------------------------------------|---------------|-------------------|-----------|----------------|------------------------|--------------------------|-------------------------------|---------------------|---------------------|
| <b>Manual on/off and dimming</b>           | ✓             | ✓                 | ✓         | ✓              | ✓                      | ✓                        | ✓                             | ✓                   | ✓                   |
| <b>Scenes / ON / Off / DAP / min / max</b> |               | ✓                 | ✓         | ✓              | ✓                      | ✓                        | ✓                             | ✓                   | ✓                   |
| <b>Dynamic scenes / sequencer</b>          |               |                   | 16        | 16             | 16                     | 4                        | 4                             |                     | 99                  |
| <b>DALI DT8 / RGBWAF</b>                   | ✓             | ✓                 | ✓         | ✓              | ✓                      | ✓                        | ✓                             | ✓                   | ✓                   |
| <b>DALI DT8 /tunable white</b>             | ✓             | ✓                 | ✓         | ✓              | ✓                      | ✓                        | ✓                             | ✓                   | ✓                   |
| <b>Macros (COT)</b>                        |               |                   | ✓         | ✓              | ✓                      | ✓                        | ✓                             |                     |                     |
| <b>NFC</b>                                 | ✓             | ✓                 | ✓         | ✓              | ✓                      |                          |                               |                     |                     |
| <b>DALI configuration</b>                  |               |                   |           |                |                        |                          | ✓                             | ✓                   | ✓                   |
| <b>DALI-2 Instances</b>                    | ✓             | ✓                 | ✓         | ✓              | ✓                      | ✓                        | ✓                             | ✓                   | ✓                   |
| <b>Optional functions</b>                  |               |                   |           |                |                        | 4 indicator LEDs         |                               | DALI addressing     | DALI addressing     |

# DALI-2 Pushbutton Coupler

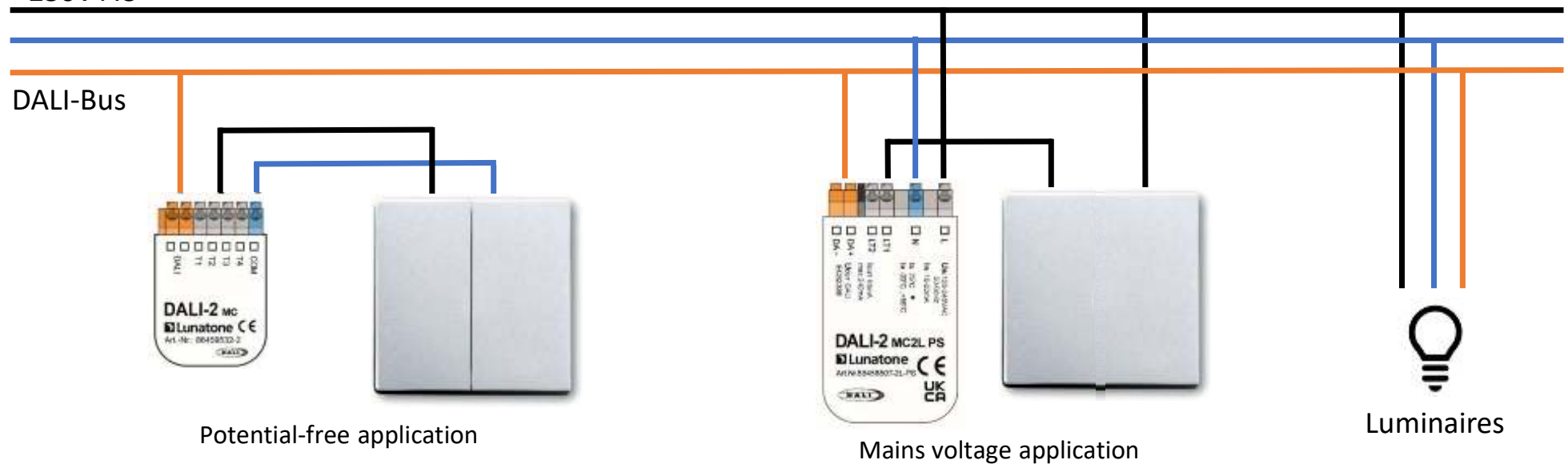


|                                    | DALI-2 MC         | DALI-2 MC1L       | DALI-2 MC1L PS    | DALI-2 MC2L PS    | DALI-2 MC4L       | DALI-2 MC4L DIN RAIL | DALI-2 MC4L POTI  |
|------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|-------------------|
| <b>Inputs</b>                      | 4                 | 1                 | 1                 | 2                 | 4                 | 4                    | 4                 |
| <b>Input type</b>                  | potential-free    | 230V each         | 230V each         | 230V each         | 230V each         | 230V each            | 230V each         |
| <b>Integrated bus power supply</b> | -                 | -                 | 50mA              | 50mA              | -                 | -                    | -                 |
| <b>Installation type</b>           | flush-mounted box | flush-mounted box | flush-mounted box | flush-mounted box | flush-mounted box | DIN rail mounting    | DIN rail mounting |
| <b>NFC</b>                         | ✓                 | -                 | -                 | -                 | ✓                 | -                    | -                 |

## APPLICATION EXAMPLE

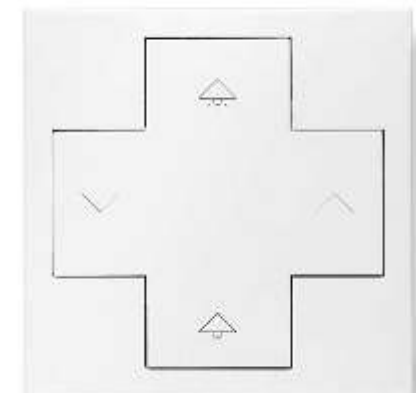
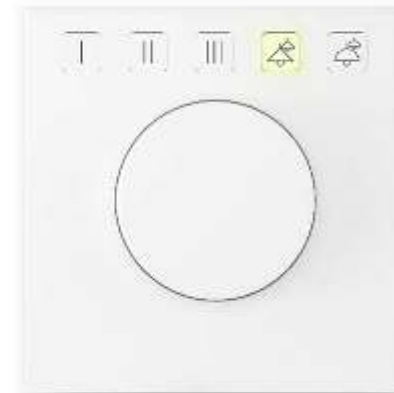
- Pushbutton-Couplers are used to integrate standard (wall-mounted) buttons and switches.
- Either for potential-free or mains voltage application
- The potential-free application has a max. wire length of 0,5m
- The mains voltage application has a max. wire length of 100m

230V AC

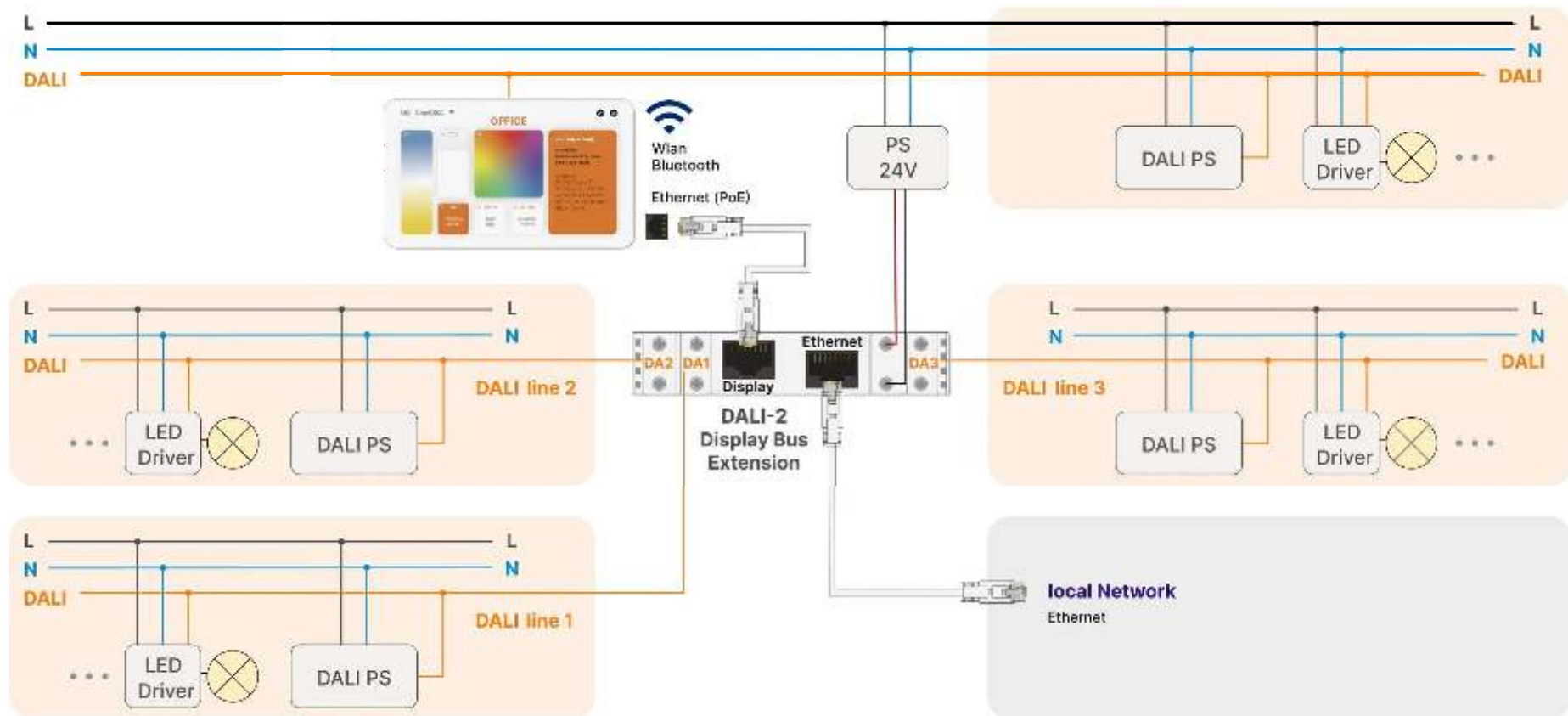


## DALI-2 CONTROL DEVICES

- standard functions dimming, switching, scene call, etc.,
- predefined macros such as color temperature control, dynamic scenes, sequences
- and user-defined command lists are also supported by these products.



## DALI-2 DISPLAY BUS EXTENSION



Control units



|                                      | DALI LR          | DALI CDC     | DALI RTC | DALI SEQUENCER |
|--------------------------------------|------------------|--------------|----------|----------------|
| groups/scenes control                |                  |              | ✓        | ✓              |
| sequencer                            |                  |              |          | ✓              |
| Timer / clock                        | Virtual midnight | ✓            | ✓        |                |
| Color temperature DT8 /tunable white |                  | TC Circadian | Scenes   | Scenes / COT   |
| Makros / (command over time)         |                  |              |          | ✓<br>looping   |
| Night reduction                      | ✓                |              | (x)      |                |

[illegible]

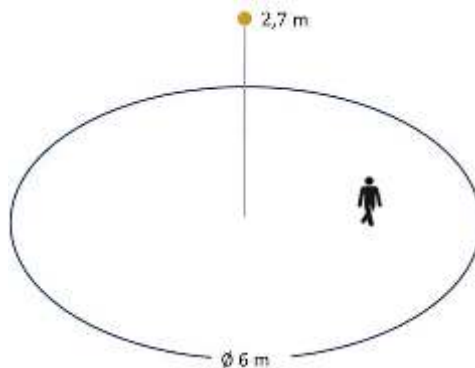
## DALI-2 Sensor



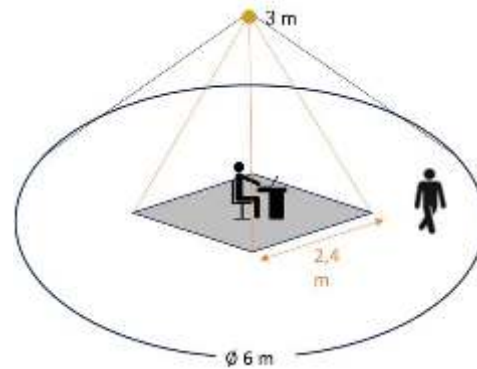
|                                                   | DALI-2 CS INT THP-AQ LE    | DALI-2 CS Mini              | DALI-2 CS Corridor                    | DALI-2 CS PS 20mA           | DALI SI                         | DALI SI1L                       |
|---------------------------------------------------|----------------------------|-----------------------------|---------------------------------------|-----------------------------|---------------------------------|---------------------------------|
| <b>Motion control</b>                             | ✓                          | ✓                           | ✓                                     | ✓                           | ✓                               | ✓                               |
| <b>Constant light control</b>                     | ✓                          | ✓                           | ✓                                     | ✓                           | -                               | -                               |
| <b>Motion control with constant light control</b> | ✓                          | ✓                           | ✓                                     | ✓                           | -                               | -                               |
| <b>Light threshold control</b>                    | ✓                          | ✓                           | ✓                                     | ✓                           | -                               | -                               |
| <b>Example applications</b>                       | Installation in luminaires | Installation in luminaires  | Corridor / Installation in luminaires | Office                      | connecting conventional sensors | connecting conventional sensors |
| <b>Typical installation height</b>                | 3m                         | 3m                          | 3m                                    | 8m                          | -                               | -                               |
| <b>Surface coverage</b>                           | Ø8m                        | Ø6m                         | 2x9m                                  | Ø14m                        | -                               | -                               |
| <b>Functional variants</b>                        | Instance mode              | Application & instance mode | Application & instance mode           | Application & instance mode | Application & instance mode     | Application & instance mode     |

### DALI-2 CS

Standard  
Ideal for normal ceiling heights



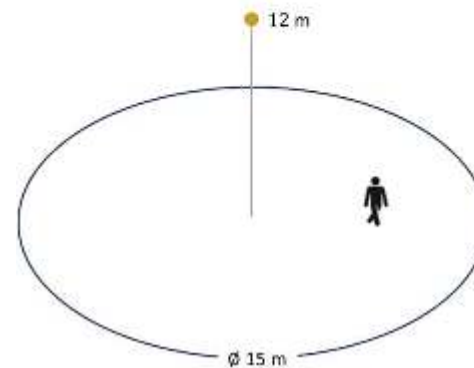
### DALI-2 CS-O



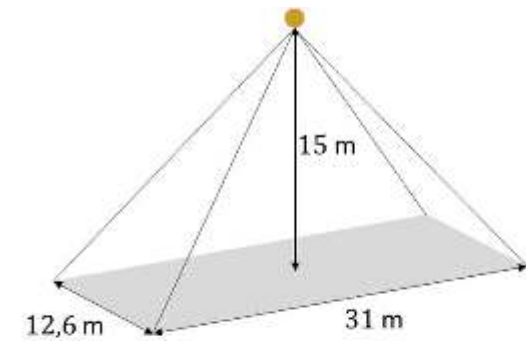
Sensitive interior area  
detects minor movements

### DALI-2 CS-15

Especially suitable for high  
rooms (e.g. halls) with  
installation heights of up  
to 12 metres

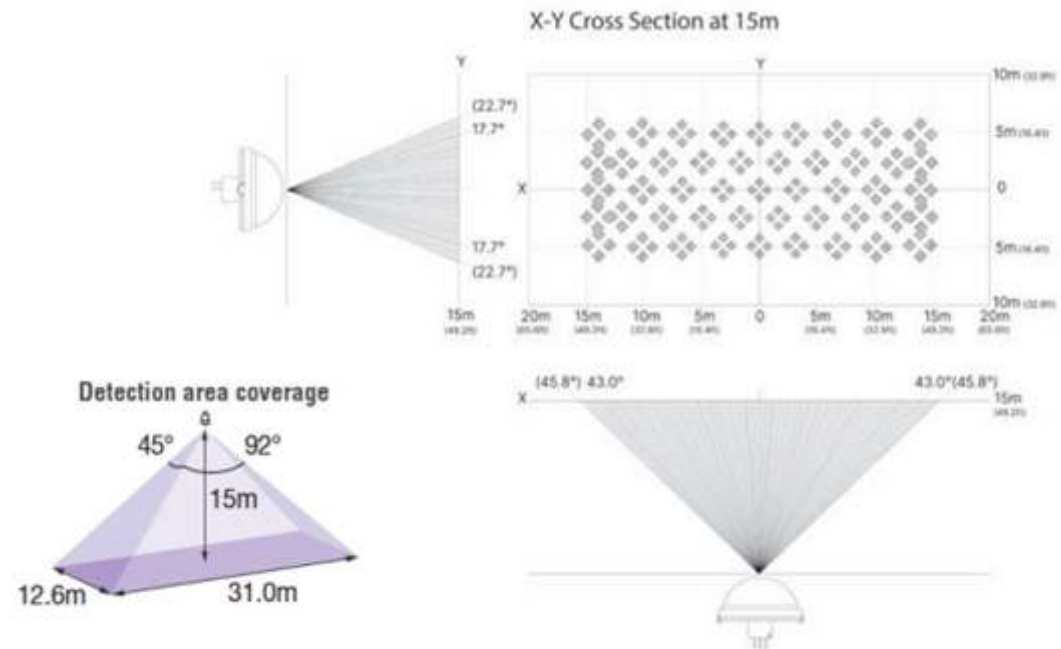


### DALI-2 CS-30



Ultra-wide and long-range  
detection type with  
rectangular detection area

## Sensor DALI-2 CS -30 – Highbay version



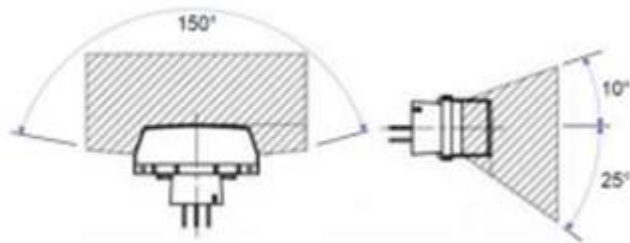
DALI-2 CS-30  
COVERAGE



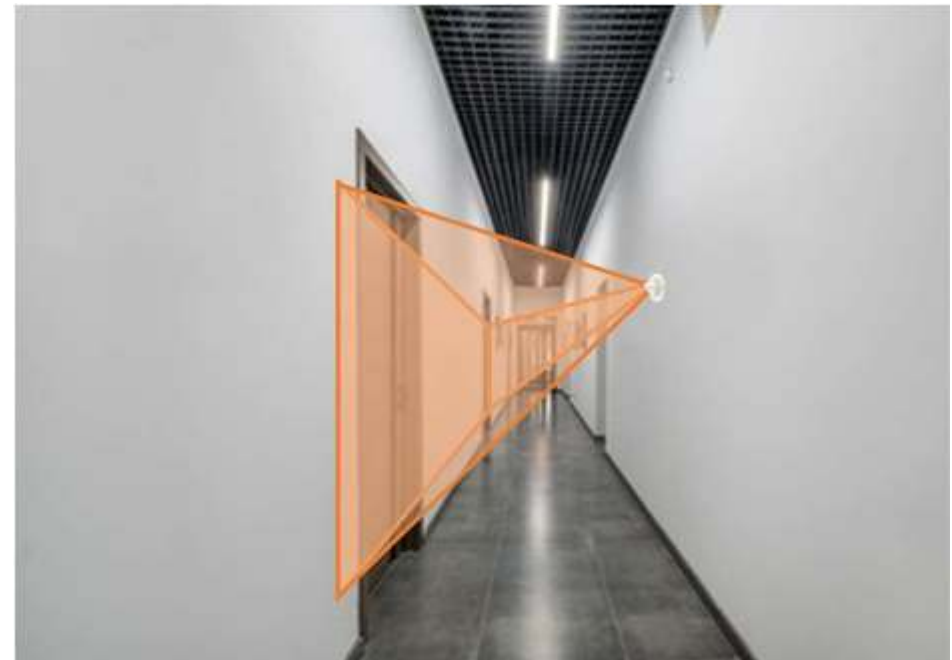
## DALI-2 CS-C

The long rectangular detection area makes this sensor suitable for corridors.

The asymmetrical detection area of the "hammerhead lens" is particularly recommended for wall mounting.



Hammerhead lens



### DALI-2 CS THP / DALI-2 CS THP-AQ

- Compact sensor module with motion detection (PIR) and light intensity measurement for DALI and DALI-2 systems
- DALI-2 CS THP: Version with additional integrated sensors for temperature, humidity, air pressure
- DALI-2 CS THP –AQ: Version with additional integrated sensors for temperature, humidity, air pressure and air Quality
- different housings: - cavity walls or installation boxes
  - suspended ceilings
  - surface mounting (with backbox)
  - luminaire integration
- Different colours: white (RAL 9010 and RAL9016) and black (RAL9005)



## DALI COCKPIT



Device Info

|              |                  |                |                       |      |               |
|--------------|------------------|----------------|-----------------------|------|---------------|
| Name         | DALI-2 CS THP AQ | Article Number | 86457786-AQ           | GTIN | 9010342013546 |
| Manufacturer | Lunatone         | Serial Number  | 61388                 | FW   | 5.0           |
| Device Type  | -                | Type           | Control Device        |      |               |
| DALI Ver     | V2.0             | Short Address  | (A5) DALI-2 CS THP AQ |      | Set           |

Effective Range: Synchronization Motion Control **Temperature Humidity Pressure Air Quality**

Air Quality

Current Air Quality Level:

Sending Command repeatedly

time between repetitions: 0 H. 0 Min. 0 Sec.

☒ Set thresholds as hysteresis

☒ Threshold

greater 250

Time Hysteresis: 0 Min. 0 Sec.

Action: Light Level (DAP) 100 %

Fade time ☐

☒ Threshold

smaller 100

Time Hysteresis: 0 Min. 0 Sec.

Action: OFF

Destination Addresses

0: Single Address (A4)

1: none

2: none

3: none

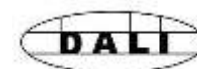
| index     |  | air quality         |
|-----------|--|---------------------|
| 0 - 50    |  | Excellent           |
| 51 - 100  |  | Good                |
| 101 - 150 |  | lightly polluted    |
| 151 - 200 |  | moderately polluted |

| index     |  | air quality        |
|-----------|--|--------------------|
| 201 - 250 |  | heavily polluted   |
| 251 - 350 |  | severely polluted  |
| > 351     |  | extremely polluted |



## INTERFACES

 **Lunatone**



## DALI USB



|                                             | DALI USB | DALI USB MINI     | DALI-2 USB 30mA   | wDALI USB           | DALI USB HS |
|---------------------------------------------|----------|-------------------|-------------------|---------------------|-------------|
| <b>Installation type</b>                    | Mouse    | flush-mounted box | flush-mounted box | flush-mounted box   | DIN rail    |
| <b>USB Connection Type</b>                  | USB B    | USB Mini          | USB C             | USB Dongle          | USB Mini    |
| <b>DALI supply current (guaranteed/max)</b> | -        | -                 | 30mA / 50mA       | -                   | -           |
| <b>DALI supply switchable</b>               | -        | -                 | Yes               | -                   | -           |
| <b>Frequency and range</b>                  |          |                   |                   | 2.4Ghz<br>Up to 50m |             |

## DALI INTERFACE



|                                           | DALI-2 BT5 ROOM<br>CONTROLLER                  | DALI-2 WLAN COCKPIT<br>INTERFACE       | KNX DALI-2 GATEWAY | DALI 4NET                                  | DALI-2 IOT GATEWAY                         |
|-------------------------------------------|------------------------------------------------|----------------------------------------|--------------------|--------------------------------------------|--------------------------------------------|
| <b>Installation type</b>                  | remote ceiling                                 | remote ceiling                         | DIN rail           | DIN rail                                   | DIN rail                                   |
| <b>Input Voltage<br/>Range</b>            | 100Vac – 240Vac                                | 100Vac – 240Vac                        | 21Vdc – 32Vdc      | 24Vdc                                      | 24Vdc – 48Vdc                              |
| <b>Guaranteed DALI<br/>supply current</b> | 180mA                                          | PS Variant with 200mA                  | -                  | -                                          | -                                          |
| <b>Interface Typ</b>                      | Bluetooth (BT5) <-> DALI<br>Cockpit Mobile App | WLAN <-> DALI Cockpit<br>(PC) Software | KNX <-> DALI-2     | Ethernet <-> DALI Cockpit<br>(PC) Software | Ethernet <-> DALI Cockpit<br>(PC) Software |

## DALI-2 BT5 ROOM CONTROLLER

- DALI-Bluetooth Interface
- Unit for commissioning, configuration and control of a DALI system via Bluetooth using the Lunatone smartphone application DALI Cockpit Mobile
- Output with DALI power supply (200mA) for the supply of up to 64 DALI devices
- independent control gear (for remote ceiling or integration in luminaires)
- Enables simple room solutions Test button for functional testing



## KNX DALI-2 GATEWAY

- DALI-2 and KNX certified
- Up to 63 Dali operating devices
- Lamp test for commissioning & lamp fault detection
- Product database for ETS 5
- DALI configuration with Cockpit (DALI USB)
- Supports DALI2 multimaster
- transmits commands bidirectional from KNX to DALI and vice versa.
- Extended colour applications possible, supports all options / device types (DT6, DT8-CW-WW, RGB, RGBW, RGBWAF, X-Y)



## DALI IoT GATEWAY

- Module for connecting the DALI system with smart devices over the Internet of Things (IoT)
- Simple realization of intelligent systems for DALI Devices being controlled and monitored with smartphones, PCs, etc.
- allows integration using RESTful API endpoints and WebSocket with JSON syntax encrypted (optionally unencrypted)
- API documentation available
- Integration with local network-based third-party systems: Selected IoT platforms for the consumer market (e.g. Alexa, IFTTT, etc.)



- Cockpit support via local network
- Connect and control separate DALI circuits via several DALI gateways via LAN



## PHASE DIMMER & ACTUATORS

 **Lunatone**



## 0-10V DALI Converter



|                                    | 0-10V DALI 10mA                          | 0-10V DALI 30mA                     | 0-10V DALI CONVERTER  | DALI 0-10V LE     | DALI 0-10V AN         | DALI 0-10V PWM    |
|------------------------------------|------------------------------------------|-------------------------------------|-----------------------|-------------------|-----------------------|-------------------|
| <b>Converter direction</b>         | 0-10V to DALI                            | 0-10V to DALI                       | 0-10V to DALI         | DALI to 0-10V     | DALI to 0-10V         | DALI to 0-10V     |
| <b>Galvanic separation</b>         | -                                        | -                                   | ✓                     | -                 | ✓                     | ✓                 |
| <b>Integrated bus power supply</b> | 10mA                                     | 30mA                                | -                     | -                 | -                     | -                 |
| <b>Installation type</b>           | flush-mounted box                        | DIN rail mounting                   | DIN rail mounting     | flush-mounted box | flush-mounted box     | DIN rail mounting |
| <b>special features</b>            | 4 versions, no SW configuration possible | functionality changable via jumpers | 1 to 3 (0-10V) inputs |                   | Auto Calibration Mode |                   |

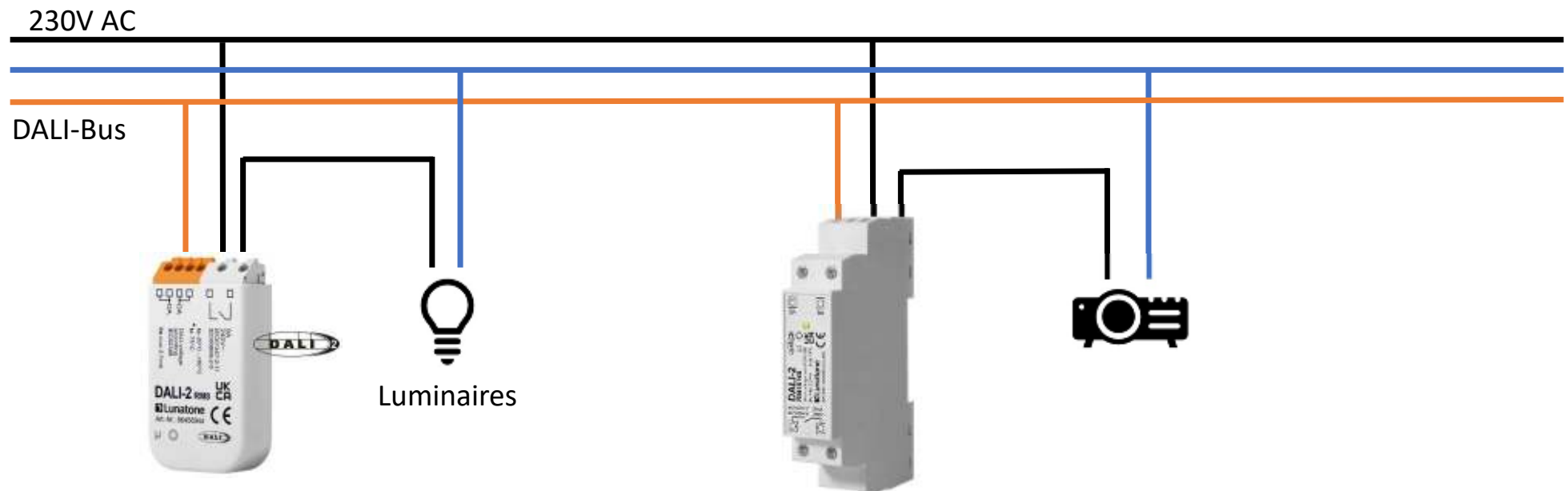
## RELAY MODULES DALI-2 RM8 / RM16

- relay contact controlled via DALI bus
- allows direct switching of permanent loads up to 2kW
- targeted switching in the voltage zero crossing protects the switching contact and increases the device-lifetime.

[illegible]

## APPLICATION EXAMPLE

- The DALI-2 RM8 & RM16 relays can be used to turn loads ON & OFF
- Ideal for non DALI luminaires that only need to turn ON & OFF or projectors



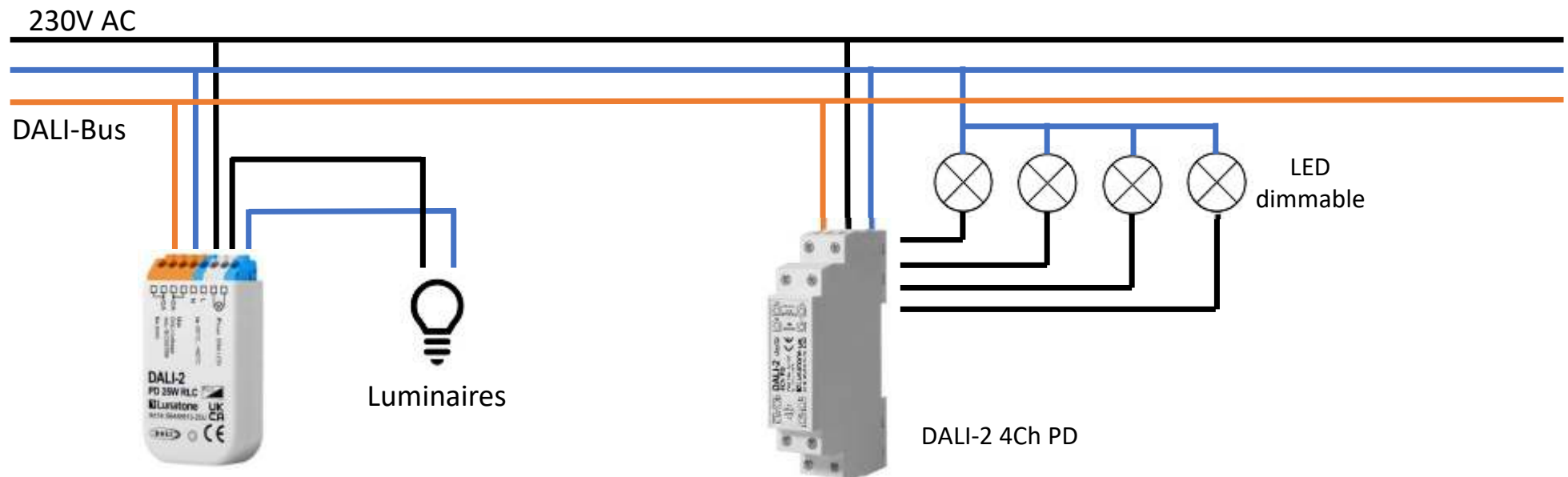
## DALI-2 PHASE DIMMERS



|                                     | DALI-2 PD         | DALI-2 PD 300W                                   | DALI-2 4CH PD     |
|-------------------------------------|-------------------|--------------------------------------------------|-------------------|
| <b>Power Range</b>                  | 3W – 25W          | 10W – 300W                                       | 4x 10W            |
| <b>Trailing edge phase cut (RC)</b> | ✓                 | ✓                                                | -                 |
| <b>Leading edge phase cut (RL)</b>  | ✓                 | ✓                                                | -                 |
| <b>Universal Dimmer (RLC)</b>       | ✓                 | ✓                                                | ✓                 |
| <b>Installation type</b>            | flush-mounted box | remote ceiling<br>(RLC Variant also as DIN rail) | DIN rail mounting |

## APPLICATION EXAMPLE

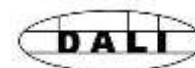
- The DALI-2 phase dimmers are used to dimm non DALI (dimmable) luminaires
- The DALI-2 phase dimmers can also be set to a „relay“ mode (only ON/OFF)





OPERATING DEVICES  
230VAC / 48V / 24V

 **Lunatone**





230V Operating Devices CC and CV

12-48V Operating Devices CC and CV, DT6 and DT8

## GENERAL FEATURES AND FUNCTION OF DALI LED DIMMERS

### *functions*

- dimming range 0.1%-100%
- selectable PWM-Frequency up to 8kHz (except 1Ch 4A, 10A, 16A )
- DALI filter for DALI broadcast commands (except 1Ch 4A, 10A, 16A )
- configurable Tc-steps (adapt speed colour change) for DT8 TC (CW-WW) dimmers

### *Operating modes*

- single-channel devices and multi-channel devices for DALI Device Type 6 commands (DT6): 1-4Ch devices
- colour and tunable white control for DALI Device Type 8 commands (DT8): CW-WW, RGB, RGBW devices
- alternative to the DALI control: pushbutton control (SW&DIM2) → especially suitable for small installations

### *features*

- low stand-by losses
- small size
- excellent efficiency up to 99%
- life time up to >100000h
- diverse housing types

### *Constant Current (CC) / Constant Voltage (CV)*

- CC: with common plus pole (cathode)
- CC: with common minus pole (anode)
- CV: 12V-48V up to 16A
- CV: 100mA-2500mA up to 45V LED voltage



## TOOLS, APPS & SOFTWARE

 **Lunatone**



## DALI COCKPIT - PC SOFTWARE

### SYSTEM SETUP

- addressing DALI systems
- defining groups and scenes (DT0 to DT8)

### CONTROL

- manual sending of DALI commands
- definition of DALI macro files (command over time, COT)

### CONFIGURATION

- configuration of Lunatone specific DALI components
- configuration of standard DALI ballasts and Control Gears

### FEATURES

- storing complete «projects», including parameters
- import/export for «unit parameters»

### INSTALLATION

- free download and use
- registration required
- offline mode available

### DALI MONITOR

- monitoring and recording DALI line traffic (DALI bus diagnosis)
- included in DALI Cockpit installation package

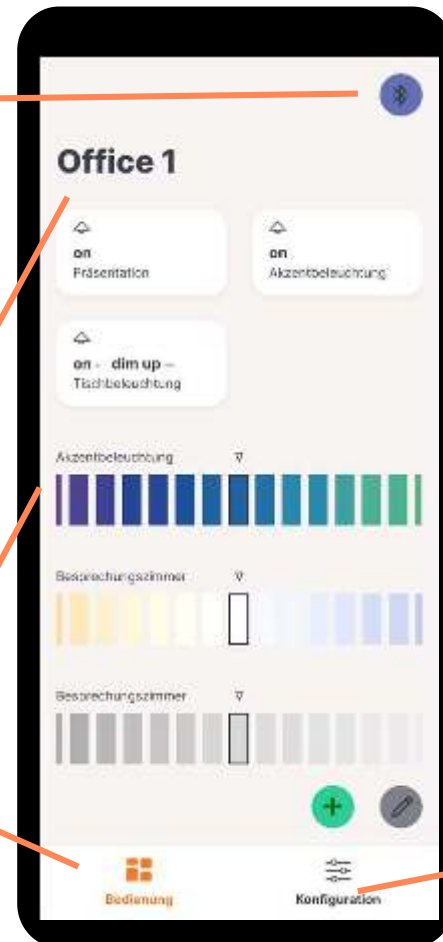
DALI COCKPIT MOBILE PHONE APPLICATION

Show all Bluetooth Room Controller devices in the area

Currently connected BT5 room controller

Light control interface with widgets

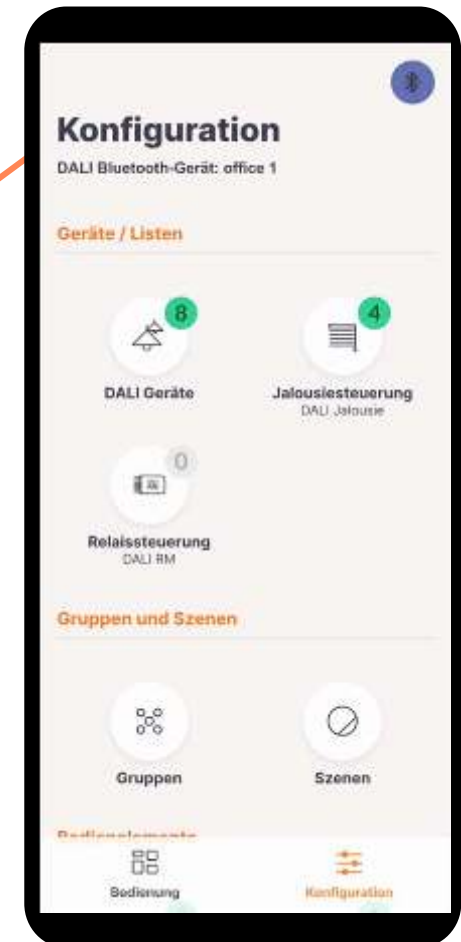
Link to the light control page (current page)



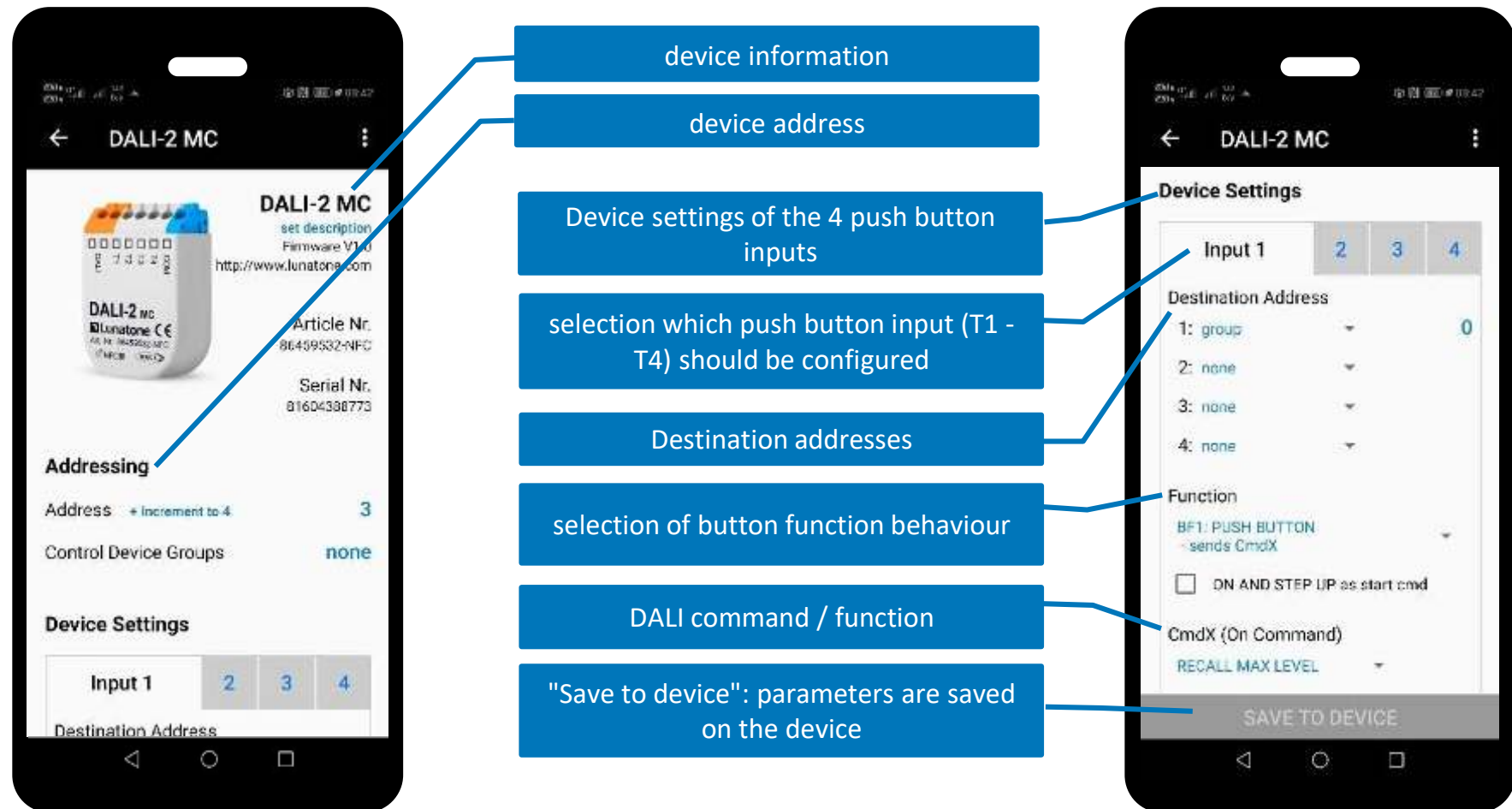
Configuration page:

- Addressing, Groups, Scenes
- Configuration DALI Jalousie, DALI Relais
- Configuration Controls: MC, Touchpanel, Switch Cross,
- Configuration Sensors CS, LS
- Configuration: DALI Sequencer, CDC, RTC

Link to the configuration page



NFC MOBILE PHONE APPLICATION



The diagram illustrates the NFC mobile phone application interface, showing two screens with various settings and annotations.

**Left Screen (DALI-2 MC):**

- device information:** Displays the device name (DALI-2 MC), set description, firmware version (V1.0), and the Lunatone logo.
- device address:** Displays the Article Nr. (86459532-NFC) and Serial Nr. (81604398773).
- Addressing:** Shows the current address (3) and the control device groups (none).
- Device Settings:** Shows the input selection (Input 1) and the destination address (0).

**Right Screen (DALI-2 MC):**

- Device Settings:** Shows the input selection (Input 1) and the destination address (0).
- Function:** Shows the selected function (BF1: PUSH BUTTON - sends CmdX) and the option to send the command (ON AND STEP UP as start cmd).
- CmdX (On Command):** Shows the selected command (RECALL MAX LEVEL).
- "Save to device":** A button at the bottom of the screen to save the parameters to the device.

**Annotations:**

- device information
- device address
- Device settings of the 4 push button inputs
- selection which push button input (T1 - T4) should be configured
- Destination addresses
- selection of button function behaviour
- DALI command / function
- "Save to device": parameters are saved on the device

## API Documentation

Example- Implementation : „Switchable“

Dali IoT
0.5.1
0.5.2
api.swagger.io

This API documentation is **work in progress**. In addition to the REST API, there is also a **websocket API** which provides asynchronous events for status updates etc. Documentation for this websocket API will be available soon.

Endpoints to control devices

control

- switchable**: Turns the device on or off
- dimnable**: Dims the device to a given percentage
- gotoLastActive**: Turns the device on to it's last active level
- scene**: Set the device to a given scene
- saveToScene**: Store the current configuration to scene
- colorRGB**: Set the device to a given RGB value from 0.0-1.0
- colorKelvin**: Set the device to a given color temperature in Kelvin
- colorXY**: Set the device to a given XY color coordinate

POST

/device/{\_id}/control

Control Device

POST

/group/{\_id}/control

Control Group

POST

/broadcast/control

Control Broadcast

devices

Endpoints for information about devices

GET

/devices

Get Devices

DELETE

/devices

Delete Devices

Example Value
Schema

ControlData

switchable

boolean

title: Switchable

example: true

dimnable

number

title: Dimmable

example: 50

gotoLastActive

boolean

title: GotoLastActive

example: true

emergency

boolean

title: Emergency

example: true

scene

integer

title: Scene

example: 15

saveToScene

integer

title: SaveToScene

example: 15

colorRGB

Colorrrgb > {...}

example: OrderedMap { "r": 0, "g": 0.5, "b": 1 }

colorKelvin

number

title: Colorkelvin

example: 4000

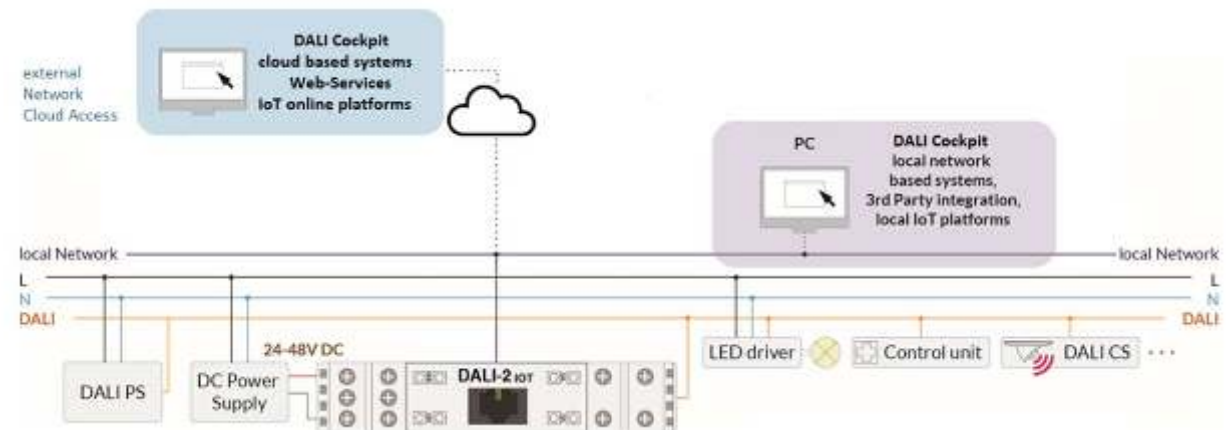
colorXY

Colorxy > {...}

example: OrderedMap { "x": 0.432, "y": 0.15 }

## LUNATONE CLOUD SERVICE

- Cloud support for DALI-2 IoT and DALI-2 Display (from FW version 1.9.0) for remote maintenance and remote control
- Simple linking of devices to the cloud via the Lunatone Cloud Service page: [iot.lunatone.com](https://iot.lunatone.com)
- Cloud login and cloud support in the DALI Cockpit: Configuration and control of cloud devices and the underlying DALI installation
- Cloud Service available for 3 or 5 years



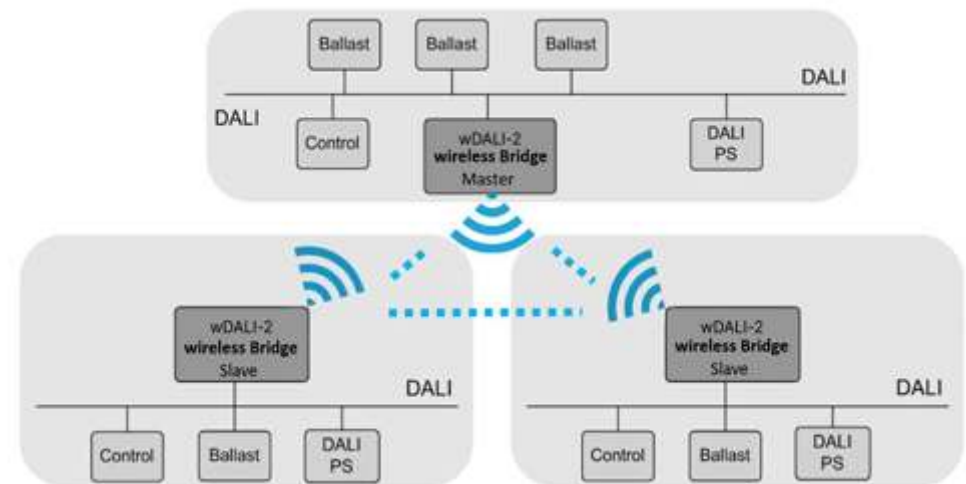
## wDALI SYSTEM EXTENSIONS



|                           | wDALI GR-TRANSMITTER –<br>RECEIVER PS20 | wDALI-2 BT5 LONG RANGE<br>TRANSMITTER – RECEIVER | wDALI-2 EXTRA LONG RANGE<br>WIRELESS BRIDGE | wDALI-2 BLUETOOTH 5<br>WIRELESS BRIDGE |
|---------------------------|-----------------------------------------|--------------------------------------------------|---------------------------------------------|----------------------------------------|
| <b>Installation type</b>  | flush-mounted box                       | flush-mounted box                                | flush-mounted box                           | flush-mounted box                      |
| <b>DALI Bus Supply</b>    | 20mA                                    | 20mA                                             | 20mA                                        | 20mA                                   |
| <b>Outdoor range</b>      | 150m                                    | 300m                                             | 1km                                         | 300m                                   |
| <b>Indoor range</b>       | 8-12m                                   | 10-20m                                           | 100-500m                                    | 10-20m                                 |
| <b>Communication type</b> | one way                                 | one way                                          | bi directional                              | bi directional                         |

## wDALI-2 EXTRA LONG RANGE WIRELESS BRIDGE

- Module for the wireless integration of spatially separated DALI ballasts in a DALI system
- Configurable operating mode as master or slave.
- Bidirectional connection – allows addressed control and queries of DALI devices (single addresses, groups, broadcast)
- Range of the wireless connection is up to 1km outdoors, inside buildings, depending on construction 100m to 500m are possible
- Easy configuration with the DALI Cockpit Software and suitable interface
- A master can be connected with up to 20 slaves – this way up to 20 DALI sublines can be connected.
- With or without integrated 20mA bus power supply



**Thank you for your attention!**

We look forward to working together on future projects.



**Lunatone**

expertise and passion for advanced technologies  
and pioneering systems

