DALI Programme 2025

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Wall Mounted Panels

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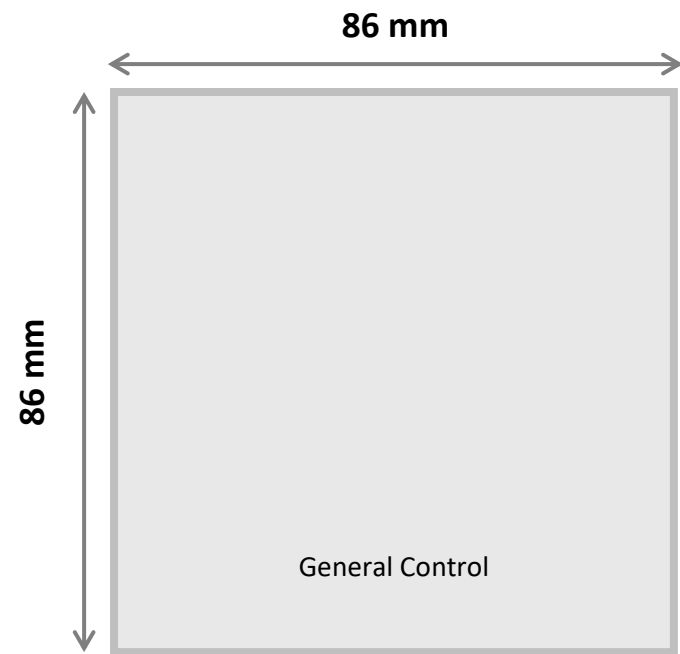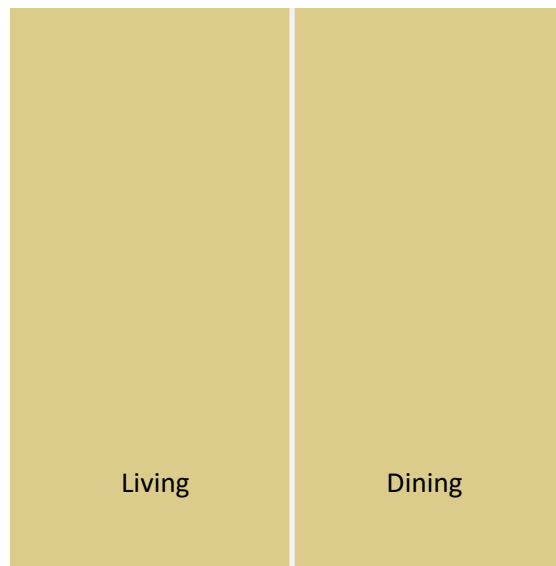
METIS (DALI Push Button Wall Panel)
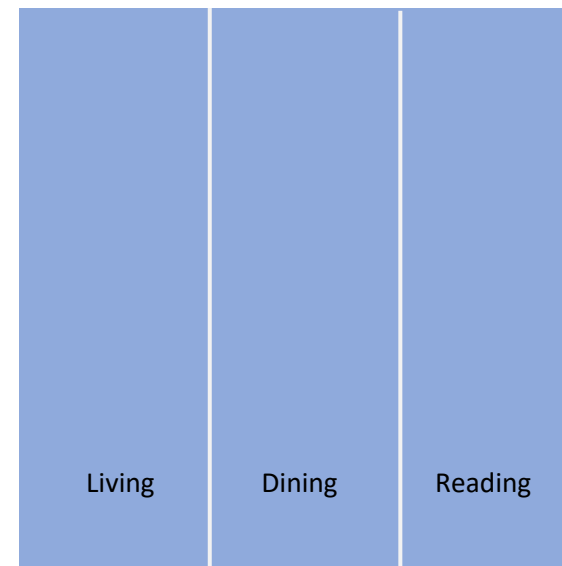
DALI Button Wall Switch Key features:

- DALI Push Button Wall Switch control device according to IEC62386-101, IEC62386-103, IEC62386-301 and IEC62386-332 Supports feedback functionality, provides 8 LEDs
- Suitable for integration and in combination with DALI compliant input device standard IEC62386-103 and compatible with DALI Application Controller
- Multimaster capable, multiple modules can be installed on the DALI- line
- Easy configuration via DALI compliant central controller USB interface
- Compatible with universal 55mm frames
- Color options White, Dark anthracite grey, Grey and Golden
- Customised laser text possible. Other colors on request.
- Powered by DALI bus with a current of 7 mA (max. 13 mA)
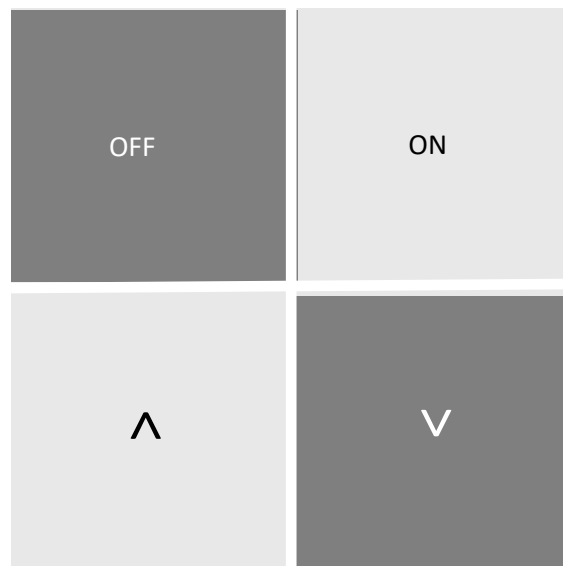
Ideal for Home and Small Office

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86 mm

86 mm

General Control

1 Key

Living | Dining

2 Key

Living | Dining | Reading

3 Key

OFF | ON

∧ | ∨

4 Key

38

27

56
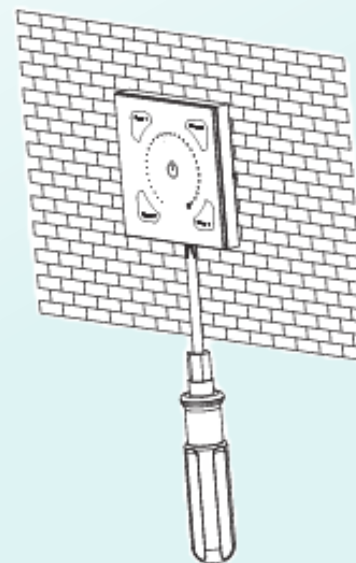60

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Touch Panels

| luxtone

4 Scenes 1 Group(Broadcast)

ORION

DALI Touch Panel Key features:

- Works standalone or part of a Networked system
- Minimal setup / out-of-box operation
- Capable of creating, storing and recalling four lighting scenes
- Intuitive touch sensitive control with haptic feedback
- DALI Type 6 and Type 8 (CT and x-y color presentation) compatible
- Two part construction
- Glass Display
- Designed to fit DIN, UK and similar backboxes
- Set DALI Group via DIP Switch
- DALI Power Supply

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85mm

85mm

Scene 1
Scene 3
Scene 2
Scene 4

23.5mm

65mm

9mm

58mm

37mm

panel

Back cover

Basebox

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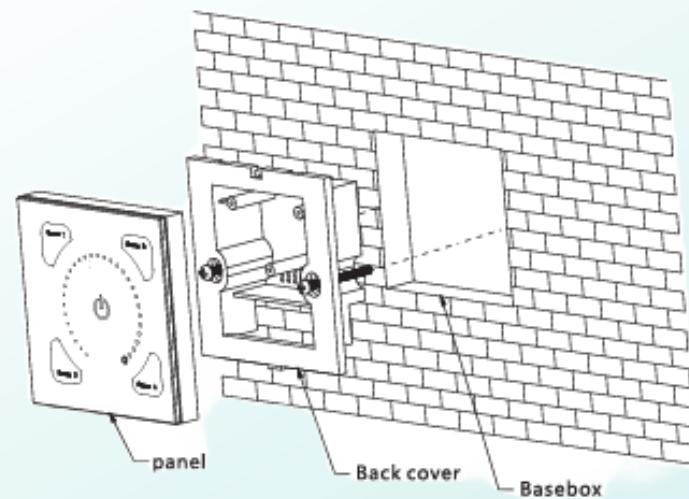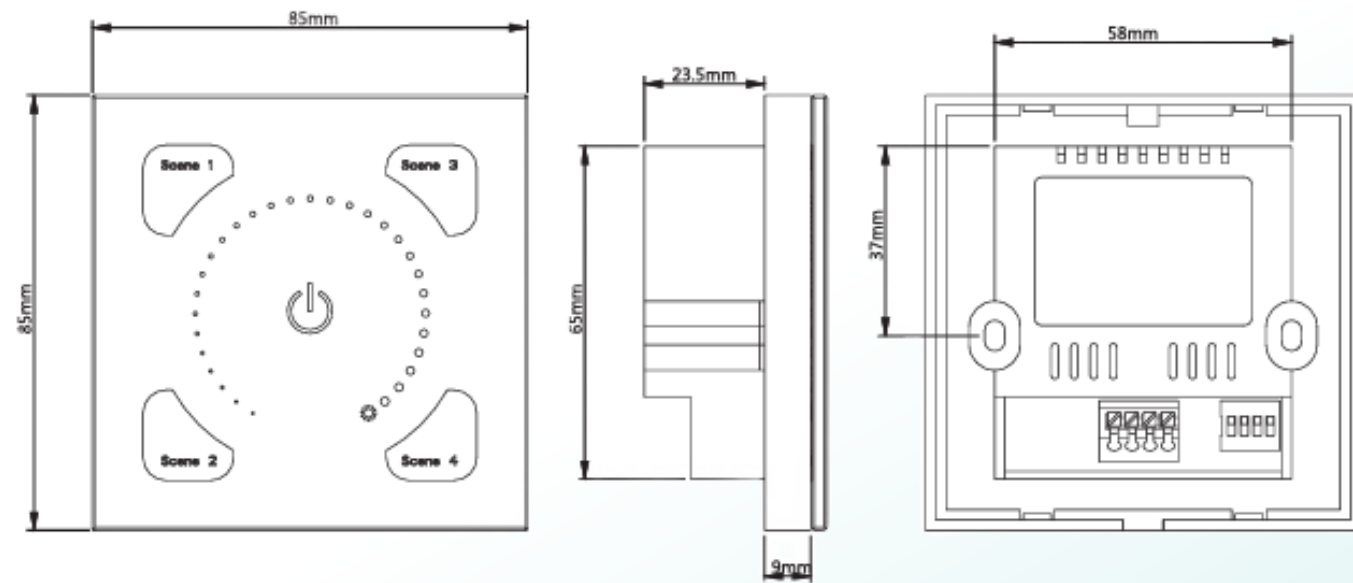
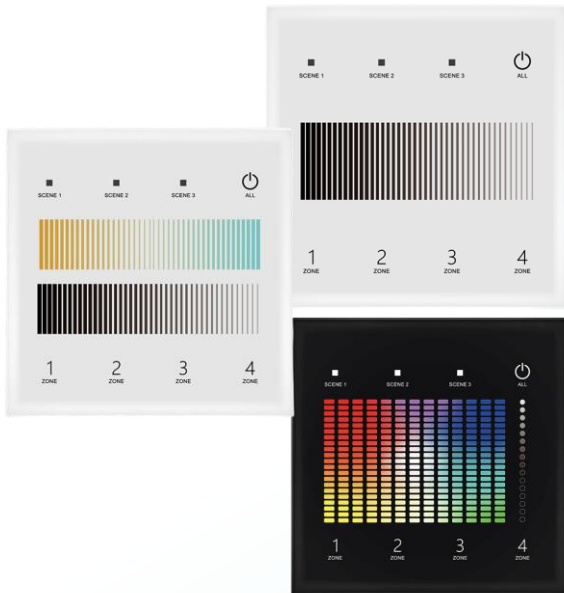4 Scenes 4 Zones(Groups)

EOS

DALI Touch Panel Key features:

- Works standalone or part of a Networked system
- Minimal setup / out-of-box operation
- Capable of creating, storing and recalling 4 lighting scenes and 4 lighting Zones (Groups)
- Intuitive touch sensitive control with haptic feedback
- DALI Type 6 and Type 8 (CT and x-y color presentation) compatible
- Two part construction
- Glass Display
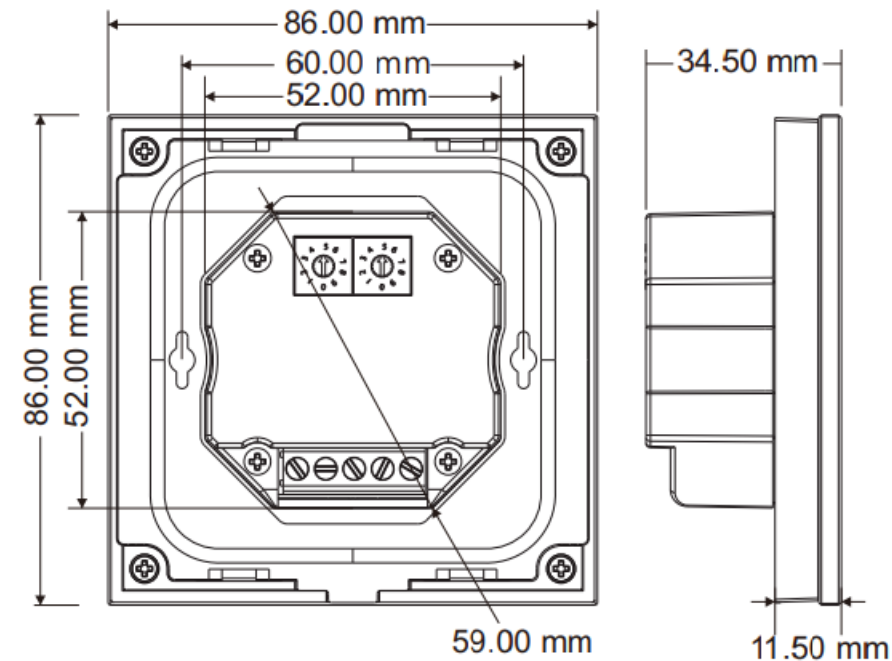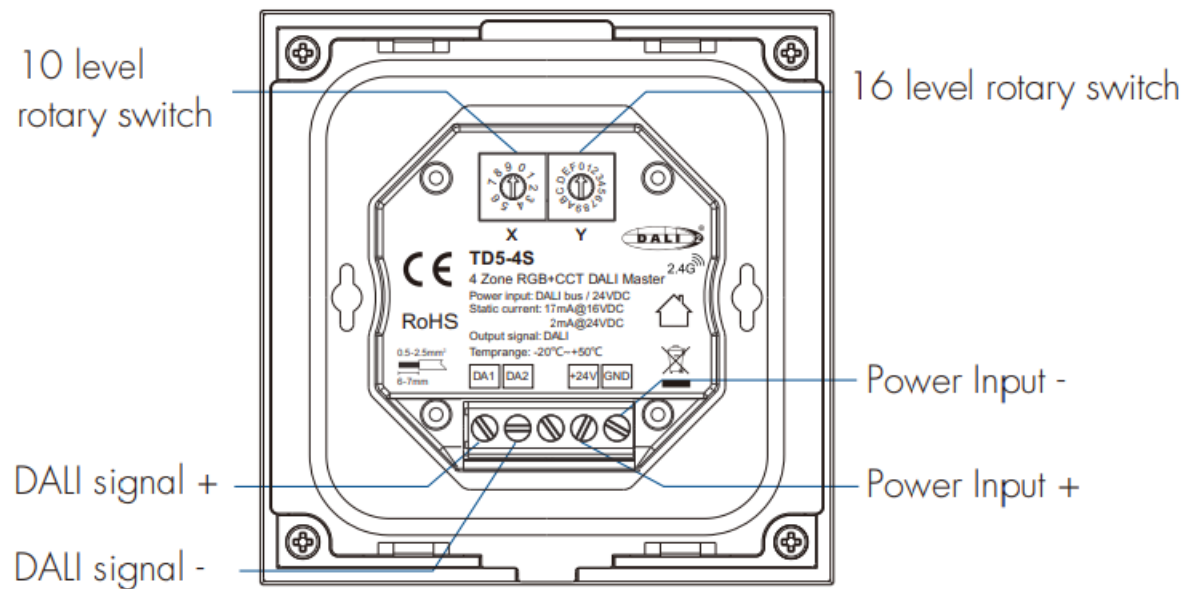- Designed to fit DIN, UK and similar backboxes
- Set DALI Group and Scenes via USB Configuarator
- Powered by 24VDC or DALI Power Supply

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10 level
rotary switch

16 level rotary switch

X   Y

TD5-4S
4 Zone RGB+CCT DALI Master
Power input: DALI bus / 24VDC
Static current: 17mA@16VDC
2mA@24VDC
Output signal: DALI
Temprange: -20°C~+50°C

CE   2.4G

RoHS

0.5-2.5mm²
6-7mm

DA1   DA2   +24V   GND

Power Input -

DALI signal +

Power Input +

DALI signal -

86.00 mm
60.00 mm
52.00 mm
34.50 mm

86.00 mm
52.00 mm

59.00 mm

11.50 mm
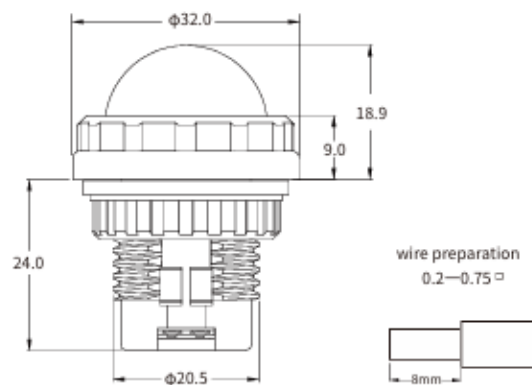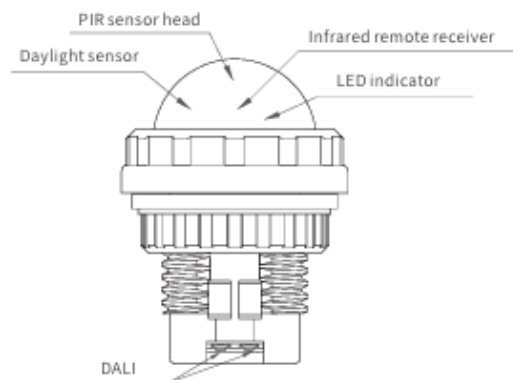
DALI Sensors

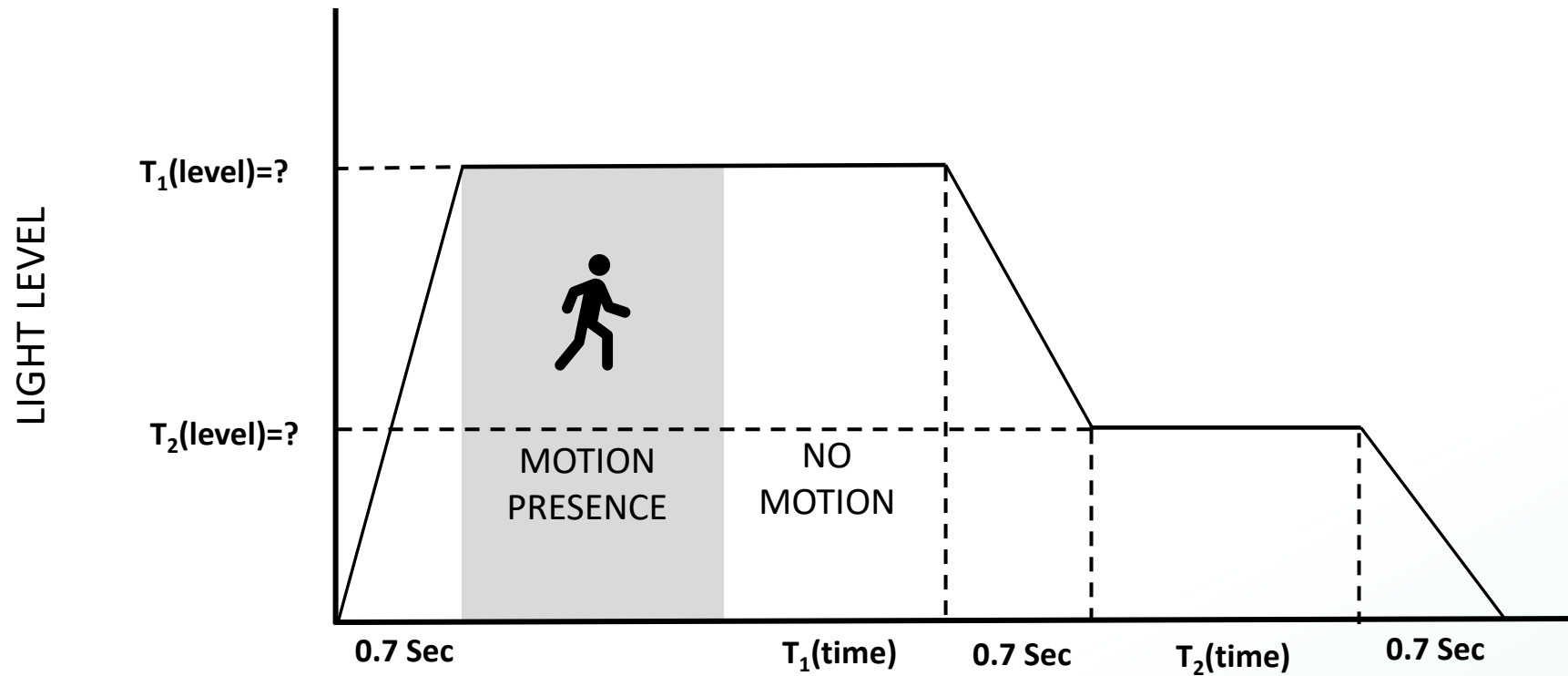# DALI 2 D4i PIR Motion Sensor
SKU No. 2001818

Key Features:

- Both DALI & sensor power supply
- Self-contained "application controller".
- Stand-by current consumption: max. 6mA.
- Daylight sensor lux setting: 10-2,000lux.
- Individual adjustment of parameters with configuration software.
- Constant-Lux control, ideal for office / commercial lighting. Three modes: Input device; PIR & Constant-Lux; Constant-Lux fully compatible with DALI Part 251,252,253 and 351.
- Settings via both DALI Bus and remote control.
- Detection range: max. 6-8m in diameter.
- Mounting height: max. 4m.
- Operation temperature: -10°C ~ +50°C

PIR sensor head
Daylight sensor
Infrared remote receiver
LED indicator
DALI

φ32.0
18.9
9.0
24.0
φ20.5

wire preparation
0.2—0.75 ▫
8mm

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Factory Default Settings

$T_1(level)=100\%$

$T_2(level)=10\%$

$T_1(time)=90$ Seconds

$T_2(time)= 5$ Mins

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Coverage Side View

Coverage Top View

8m
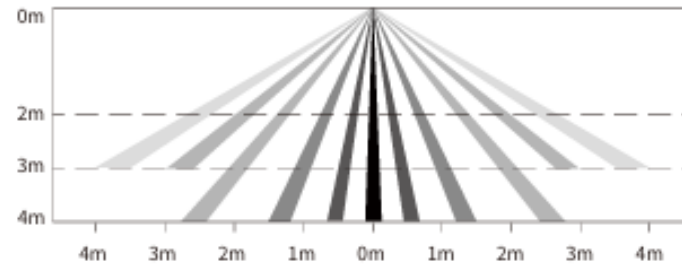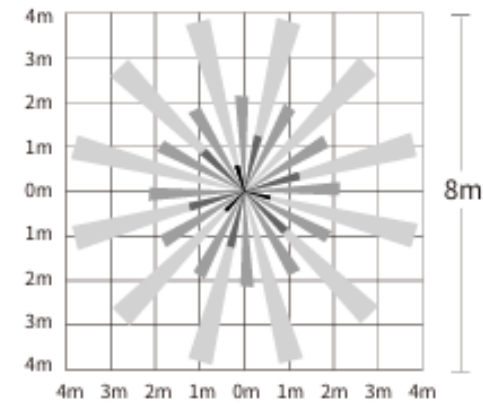
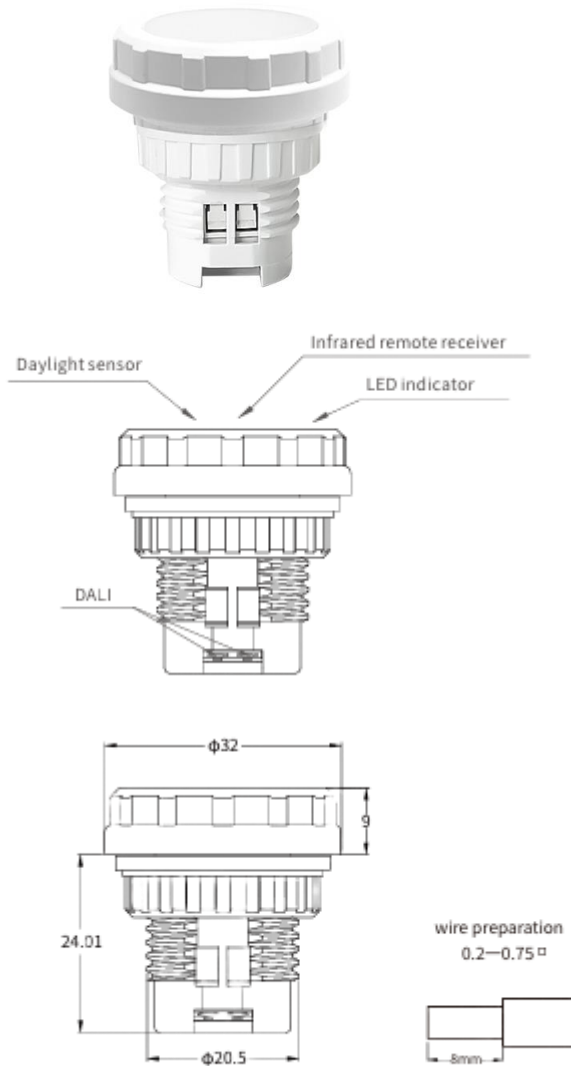■ Minor Motion
□ Major Motion

| **luxtone**
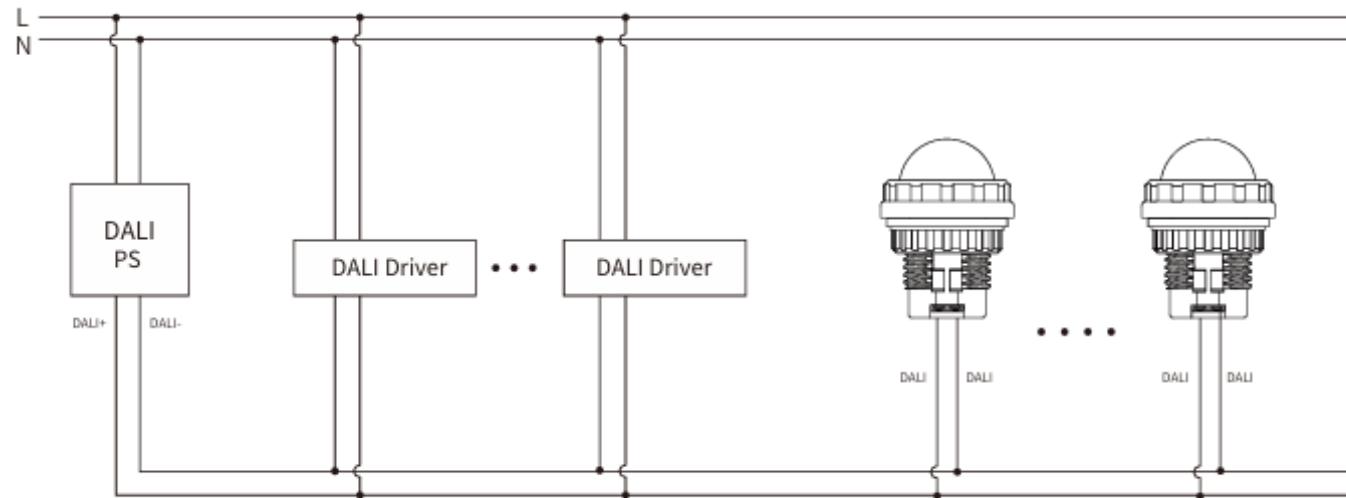
DALI 2 D4i Lux Sensor
SKU No. 2001819

Key Features:

- Both DALI & sensor power supply.
- Self-contained "application controller".
- Stand-by current consumption: max. 6mA.
- Daylight sensor lux setting: 10-2,000lux.
- Individual adjustment of parameters with configuration software.
- Constant-Lux control, ideal for office / commercial lighting. Fully compatible with DALI Part 351.
- Settings via both DALI Bus and remote control.
- Default 300lux as lux on threshold.
- Operation temperature: -20°C ~ +70°C
- IP65

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DALI 2 D4i Lux Sensor

LIGHT LEVEL

DAYLIGHT/
SUNLIGHT

Pre-set lux level

*ARTIFICIAL LIGHT
LEVEL 100%

ENERGY SAVING

*ARTIFICIAL LIGHT
LEVEL 100%
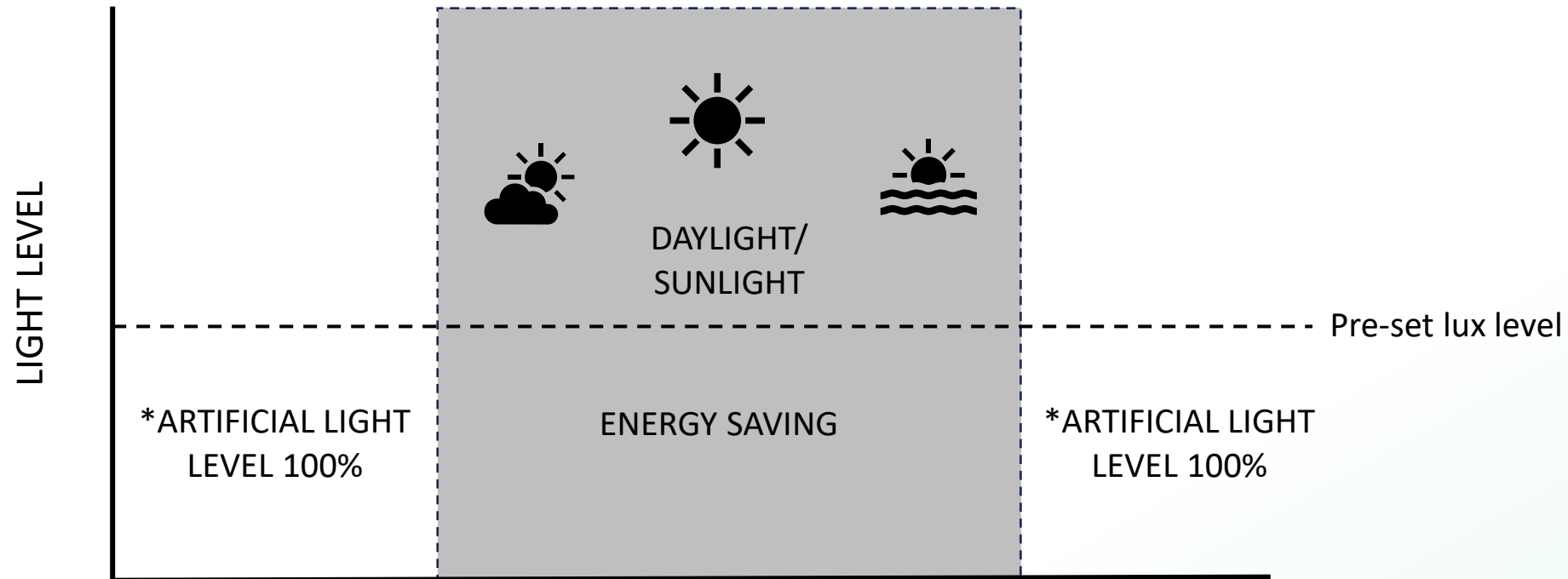
STEP 1

Choose the desired target lux level, the daylight sensor will automatically switch on when surrounding brightness is below the target. If surrounding brightness is over the target, the whole daylight sensor will not work at all.

* Lux-On sampling time -- 10s

STEP 2

During operation, the daylight sensor regulates the light output automatically according to the level of surrounding brightness. The natural light goes up, the artificial light goes down; the natural light goes down, the artificial light goes up. In this way to maintain the overall brightness of the whole room around the pre-set lux level.

STEP 3

The daylight sensor will automatically switch off when the natural light is confirmed sufficient.
*Lux-Off sampling time -- 30s.

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Circadian
Daylight Control

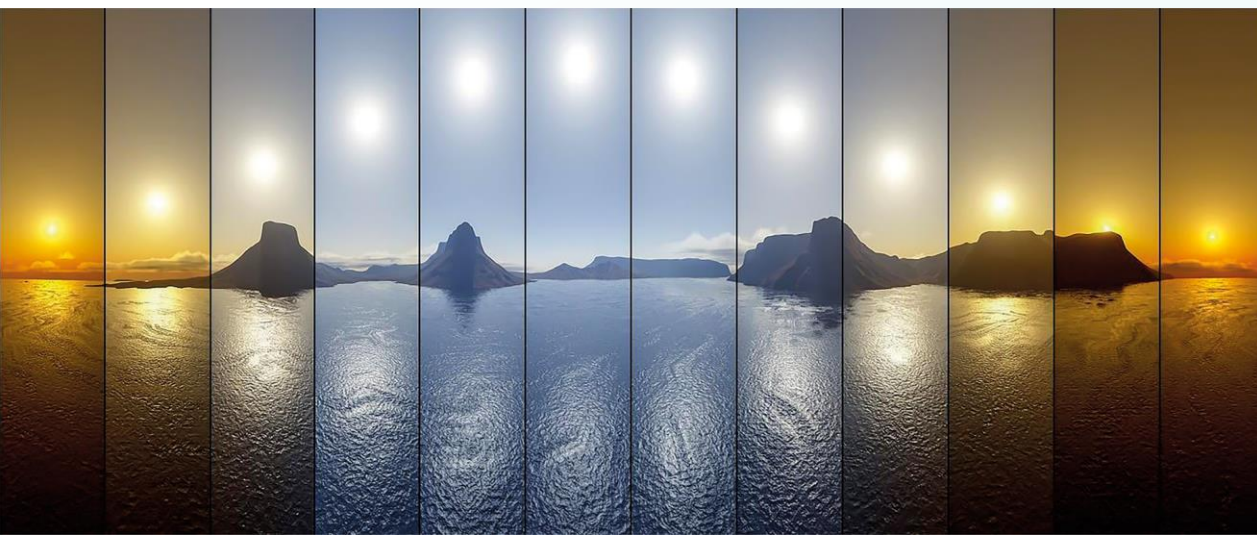luxtone

Colour Temperature table - Factory Default Settings

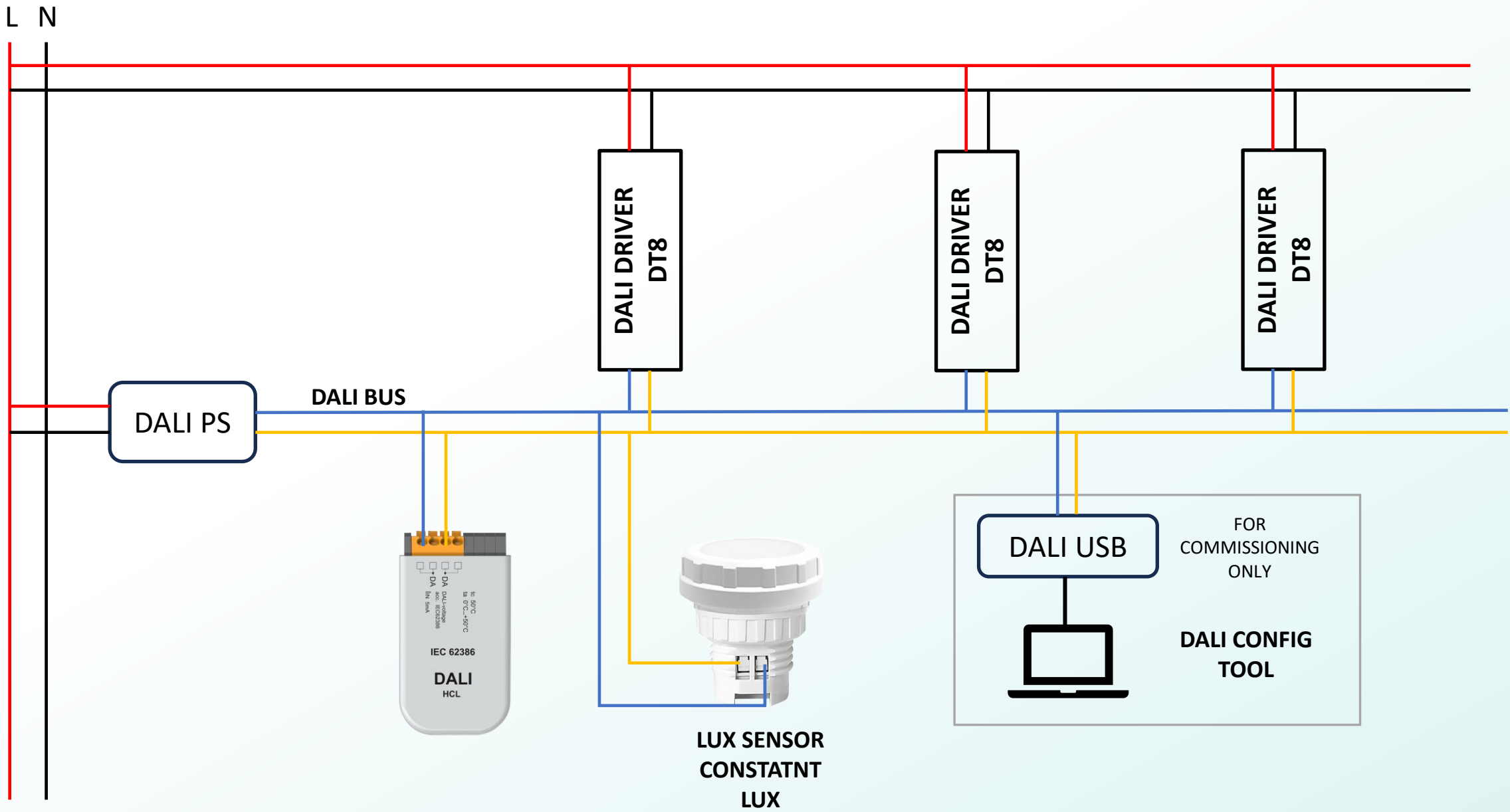| Time	Tc[K]	Time	Tc[K]
0h	2700K	12h	5800K
1h	2700K	13h	5685K
2h	2700K	14h	5318K
3h	2700K	15h	4767K
4h	2700K	16h	4101K
5h	2700K	17h	3412K
6h	2700K	18h	2700K
7h	3412K	19h	2700K
8h	4101K	20h	2700K
9h	4767K	21h	2700K
10h	5318K	22h	2700K
11h	5685K	23h	2700K

Circadian Daylight Control
SKU No. 2001830

- Control device for DALI DT8 luminaires (colour mode Tc)
- biorhythmic time-adjusted colour temperature (Tc) reference value
- integrated real time clock(Astro Clock)
- daylight saving time (DST)
- light level curve
- the time and the colour temperature characteristics over time can be configured with the help of the DALI software tool

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L N

DALI PS

DALI BUS

DALI DRIVER DT8

DALI DRIVER DT8

DALI DRIVER DT8

DALI
HCL

IEC 62386

LUX SENSOR
CONSTATNT
LUX

DALI USB

FOR
COMMISSIONING
ONLY

DALI CONFIG
TOOL

L N

DALI PS

DALI BUS

DALI DRIVER DT8

DALI DRIVER DT8

DALI DRIVER DT8

IEC 62386

DALI
HCL

DALI USB

FOR COMMISSIONING ONLY

DALI CONFIG TOOL

Bluetooth to DALI Bridge

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BLUETOOTH TO DALI BRIDGE
SKU No. 2001831

- DALI-2 Bluetooth Interface for commissioning, configuration and control of DALI systems using the smartphone app.
- Output with DALI power supply (200mA) for the supply of up to 64 DALI devices
- Control and configure LED Drivers DT6, DT8 Tc, DT8 RGBW
- Control and configure input devices
- Download apk file.
- Download app Manual
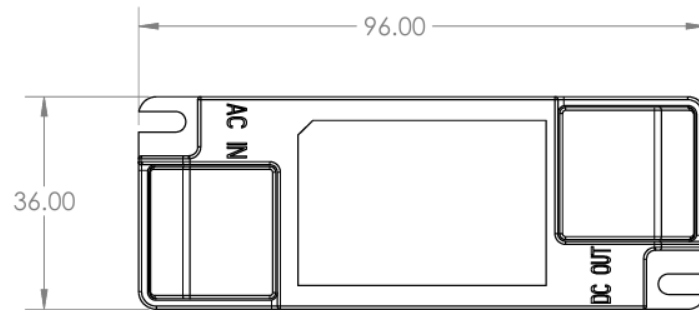

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DALI Power Supply

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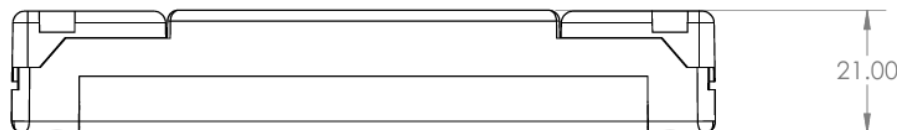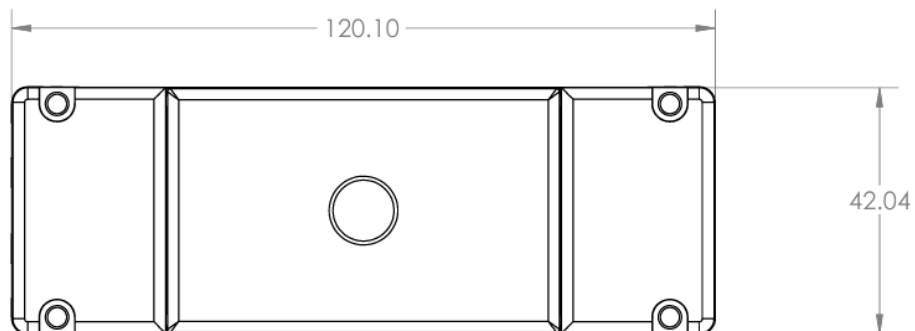
DALI PS 1
SKU No. 2001835

DALI Power Supply:

- AC INPUT 85-240V
- DALI output max 250mA 16V
- DIN Rail Mounted
- Output is double isolated from input
- DALI output voltage 16V
- Max. Output Power DALI 5W
- IP24
- 5 Yr. Warranty
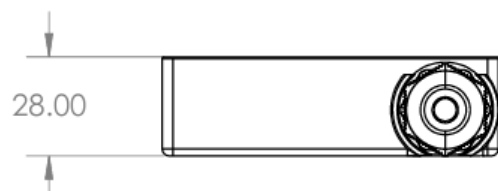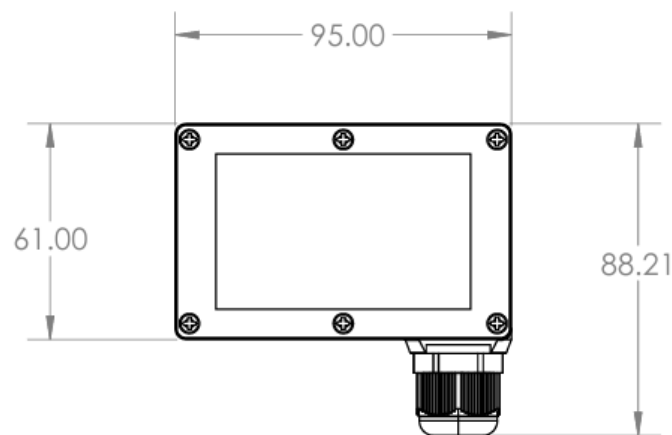- Short Circuit Protection of DA+ /DA-

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DALI PS 2
SKU No. 2001834

DALI Power Supply:

- AC INPUT 100-277V
- 3 models 50mA, 100mA and 200mA
- Output is double isolated from input
- DALI output voltage 16V
- Max. Output Power DALI 5W
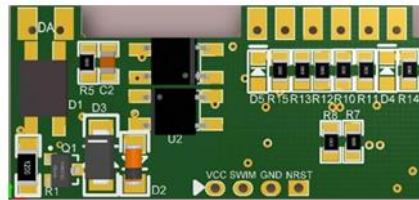- IP24
- 5 Yr. Warranty
- Short Circuit Protection of DA+ /DA-

luxtone

DALI PS 3
SKU No. 2001836

DALI Power Supply:

- AC INPUT 100-277V
- 3 models 50mA, 100mA and 200mA
- Output is double isolated from input
- DALI output voltage 16V
- Max. Output Power DALI 5W
- IP65
- 5 Yr. Warranty
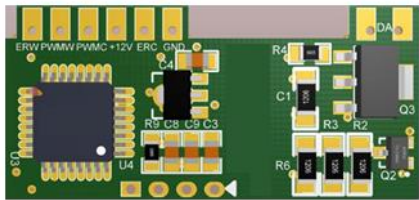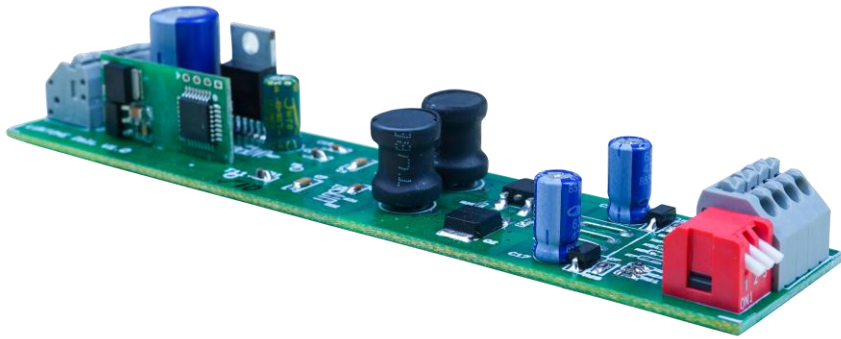- Short Circuit Protection of DA+ /DA-

DALI LED Driver EVAL + Development Board

- DC-DC Board
- IEC 62386 Part No. 102, 207 and 209 compliant firmware
- DT6 and DT8(Tc)
- Input: $V_{IN} > V_{OUT}$
- Output: V_{OUT} Range 6-42VDC (LED Load)
- Dimming range 0.1%-100%
- Output Current Max. 1A, Current variation < 2%
- Current DIP Switch 3 Pole 8 Currents(275-1000mA)
- DALI Bus input
- ProbitLab2 tested
- Ready for DALI 2 test sequence software
- Suitable for OEMs who wish to get into production of DALI LED drivers leading to DALI alliance membership

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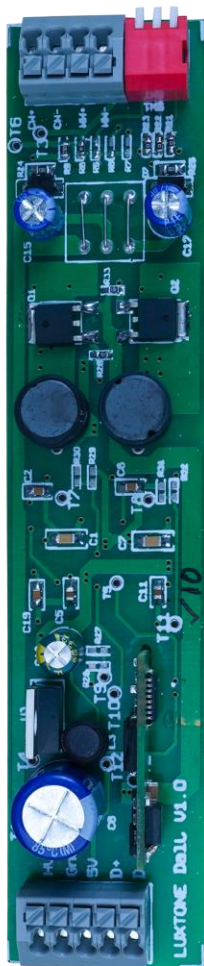
DALI LED Driver EVAL + Development Board

	FEATURES	IEC 62386 Evaluation Board	IEC 62386 Development Board
1	DALI 2	✓	✓
2	Part No. 102,207 & 209(DT6, DT8-Tc)	✓	✓
3	Probit2Lab Test Report	✓	✓
4	Ready for DALI 2 Test Sequence software	✓	✓
5	Board Schematics	✗	✓
6	Bill of Materials	✗	✓
7	PCB Gerber	✗	✓
8	Development & Production Support	✗	✓

Note: Sl No. 5,6,7 & 8 do not pertain to DALI Daughter card on the PCB.

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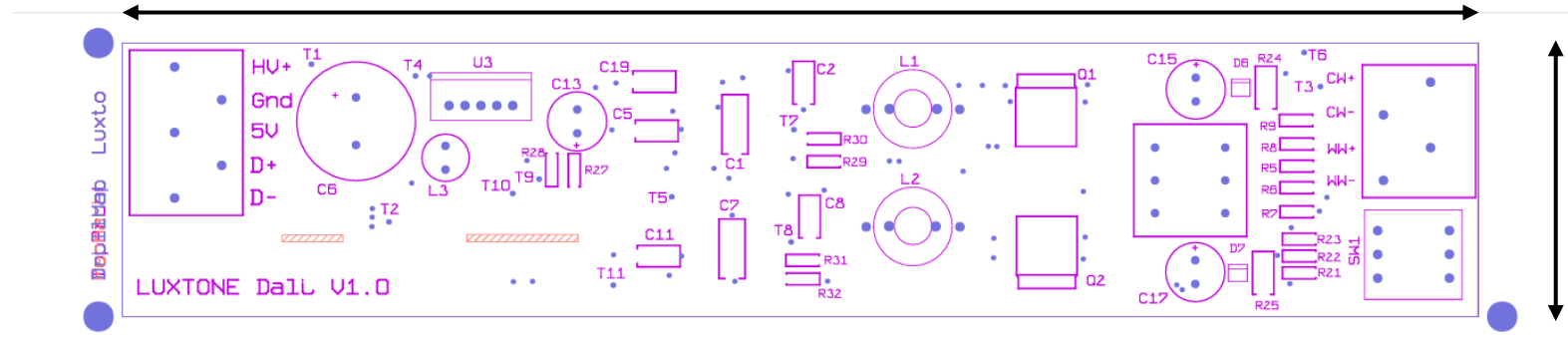
Test Points on PCB	
T1	HV
T2	GND
T3	GND
T4	PWM(WW)
T5	PWM(CW)
T6	Ang Volt
T7	GATE1
T8	GATE2
T9	MR
T10	ERC
T11	ERW

SW1	SW2	SW3	$I_{(ma)}$
1	1	1	1000
1	1	0	900
1	0	1	800
1	0	0	700
0	1	1	600
0	1	0	500
0	0	1	400
0	0	0	300

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