



**From product selection to
installation:
"Commercial enterprises"
application example**

Efficient and productive work – it's here that lighting in a company provides an essential contribution. The right light distribution and light color prevent glare and premature fatigue, reduce the risk of accidents, facilitate visual tasks and also improve work performance. Light management systems enable the individual control of areas and zones and enable greater flexibility for room use. Daylight-dependent control and presence control can also achieve significant savings in energy costs.

LMS made easy

Light management systems in practice:
The step-by-step way to the right light

MORE EFFICIENCY AND LESS COSTS – SAVE MONEY WITH DALI PROFESSIONAL

What do company owners need?

- A system for several rooms that can be flexibly expanded
- Light exactly where it's needed
- Maximum energy savings

What helps employees?

- Simple lighting control
- Flexible light for various work processes

The ideal solution: the OSRAM DALI PROFESSIONAL light management system

Advantages:

- Central control unit for the complete hall
- High level of flexibility for lighting
- Operation via a standard switch
- Convenient settings via Windows® PC software (free)
- Daylight-dependent and event-controlled regulation with presence function
- Central light control of several rooms possible (up to 256 luminaires)
- Flexibly expandable system thanks to DALI standard

Solution/products:

- 01 DALI PRO CONT-4 RTC (control unit)
- 02 LS/PD MULTI 3 CI (ceiling installation sensor)
- 03 DALI PRO Sensor Coupler
- 04 DALI PRO PB Coupler (pushbutton switch)
- 05 Highbay Sensor
- 06 DALI Highbay Adapter



01 DALI PRO CONT-4
RTC (control unit)



02 LS/PD MULTI 3 CI
(ceiling installation
sensor)



03 DALI PRO Sensor
Coupler



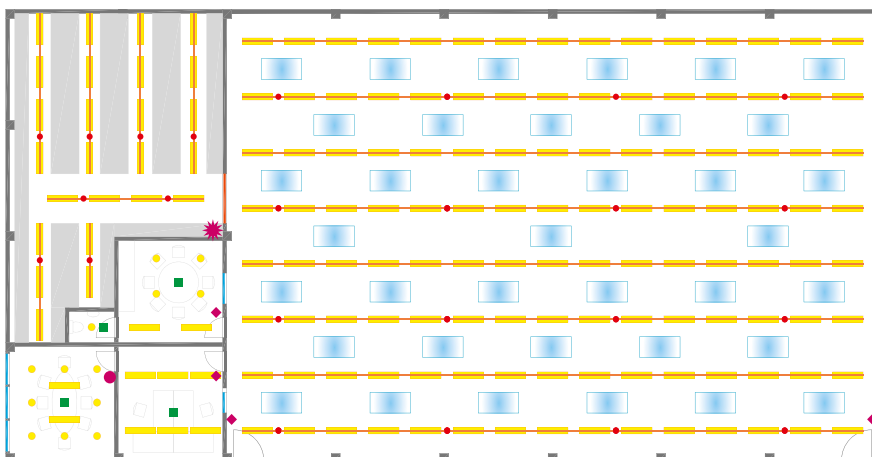
04 DALI PRO PB
Coupler (pushbutton
switch)



05 Highbay Sensor



06 DALI Highbay
Adapter



Production hall with storage room and diverse utility rooms

Legend

- Combined Highbay light sensor and motion sensor incl. DALI Highbay Adapter
- Combined light sensor and presence sensor LS/PD MULTI 3 CI incl. DALI PRO Sensor Coupler
- Luminaire
- Downlight
- Daylight opening
- ◆ 4-fold pushbutton switch DALI PRO PB Coupler
- DALI PRO touch panel
- ★ DALI PRO CONT-4 RTC control unit

STEP BY STEP:

INSTALLATION INSTRUCTIONS

A | Pushbutton switch installation



01 Connect DALI and switch in the flush-mounted box



02 Install the switch over the switch coupler



03 Install the cover plate of the switch

B | DALI Sensor Coupler + sensor installation



01 Connect DALI line and insert sensor cable; install cover/cable strain relief



02 Pass the sensor coupler through the ceiling aperture



03 Tighten the spring on the ceiling installation sensor and insert



04 Rear view: Spring clips in behind the aperture

C | Installation of DALI Highbay Adapter



01 Connect mains to the DALI Highbay Adapter



02 Connect the highbay sensor to the DALI Highbay Adapter



03 Attach the Highbay Sensor + housing cover

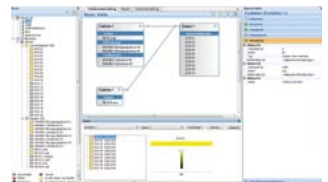
D | Installation + commissioning of controller



01 Mount the controller on the DIN rail and wire



02 Commission the controller via USB connection to the PC


















03 Individual configuration is with DALI PROFESSIONAL software










E | Expansions









In addition to the products shown, there is also a series of input devices for other areas, for example high-quality glass touch surfaces or touch panels for executive offices and conference rooms. Further information available at: www.osram.com/dalipro

System components

Product designation	Product number (EAN)									
Control unit										
DALI PRO CONT-4 RTC	4008321710871	DALI	4	IP20	0...+40	50–60	100–240	90	160	62

Product designation	Product number (EAN)						
Coupler							
DALI PRO PB Coupler	4008321496461	DALI	IP20	0...+50	42	42	20
DALI PRO Sensor Coupler	4008321379269	DALI	IP20	0...+50	118	30	21

Product designation	Product number (EAN)									
Sensors										
LS/PD MULTI 3 CI	4008321916648	—	6 m	IP20	0...+50	—	—	4 m	50	25
Highbay Sensor	4008321410078	0.6	18 m	IP20	–10...+70	50–60	120–277	13 m	116	39

Product designation	Product number (EAN)								
Adapter									
DALI Highbay Adapter	4008321774132	DALI	1	IP20	0...+50	20	139	118	37

Product information and technical data sheets for the products shown are available on the Internet at:

www.osram.com/lms
www.osram.com/dali
www.osram.com/dalipro

Tip: Take a look at our YouTube channel where you can always find new installation videos:
www.youtube.com/osram

An application brochure with further examples is available at:

www.osram.com/lms

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