

PRACHT®
PRO LINE

SMART FACTORY

CONNECTED BY CASAMBI®



SIMPLE

FAST

INEXPENSIVE

PRACHT®

SMART LIGHT CONTROL IN THE INDUSTRY WITH PRACHT.

Light has a much bigger job - it's not only to be switched on or off and making a room light or dark. Everyone is talking about Smart Home. But what about Smart Industry?
Get started now - with a simple upgrade of the lighting system. Existing installations reach a new level with CASAMBI.
PRACHT luminaires with extremely simple moun-

ting and installation are long established in the market. Given this foundation a Bluetooth based lighting control was developed.

Commissioning is very simple:
Mount the luminaires. Install the App.
Fast setup - ready!

MESH-NETWORK EXTERNALLY CONTROLLABLE
OPTIONAL FIXED FREQUENCY **BLUETOOTH LOW ENERGY**
LARGE RANGE LOW POWER CONSUMPTION
FREQUENCY HOPPING IN THE 2,4 GHZ RANGE

CASAMBI LIGHT CONTROL VIA BLUETOOTH



Casambi is an intelligent light control technology based on Bluetooth Low Energy. The meshed network technique with up to 127 connected nodes provides a powerful and individual scalable lighting control system. The administration takes place via smartphone app and can also be used externally addressed and operated via remote access.

ADMINISTRATION VIA SMARTPHONE APP



PRACHT XLS C CASAMBI LUMINAIRES

Luminaire	Length	Power	Luminous flux	Optic	P/N
QUADRONIUS XLS CC	288 mm	1x137 W	20000 lm	wide 120°	86040221x00
QUADRONIUS XLS CC	288 mm	1x137 W	20000 lm	wide 90°	86140221x00
QUADRONIUS XLS CC	288 mm	1x137 W	20000 lm	medium 60°	86240221x00
QUADRONIUS XLS CC	288 mm	1x137 W	20000 lm	deep 30°	86340221x00
QUADRONIUS XLS CC	288 mm	1x137 W	20000 lm	asym. 60°	86540221x00
LUNA PRO INDUSTRY XLS C DM	1500 mm	1x 54 W	6500 lm	wide 120°	5291110x01
LUNA PRO INDUSTRY XLS C	1500 mm	1x 54 W	6500 lm	wide 120°	5291110x00
LUNA PRO INDUSTRY DALI	1500 mm	1x 54 W	6500 lm	wide 120°	5291110
LUNA PRO INDUSTRY XLS C DM	1500 mm	1x 33 W	3800 lm	wide 120°	5291100x01
LUNA PRO INDUSTRY XLS C	1500 mm	1x 33 W	3800 lm	wide 120°	5291100x00
LUNA PRO INDUSTRY DALI	1500 mm	1x 33 W	3800 lm	wide 120°	5291100
KATLA XLS C	1745 mm	1x 55 W	6500 lm	wide 120°	9171280x00
KATLA INDUSTRY XLS C	1745 mm	1x 65 W	7800 lm	wide 120°	9137370x00
APOLLO G2 XLS C	1560 mm	1x 49 W	7200 lm	wide 90°	9380140wx00
APOLLO G2 XLS C	1560 mm	2x 49 W	14400 lm	wide 90°	9380190wx00
APOLLO G2 XLS C	1560 mm	2x 81 W	25000 lm	wide 90°	9380280wx00
TUBIS N LED XLS C	1565 mm	1x 50 W	6700 lm	wide 125°	7243630x00
TUBIS N LED XLS C	1285 mm	1x 41 W	5400 lm	wide 125°	7243639x00

KATLA



APOLLO



TUBIS



CAMPAIGN BUNDLES

QUADRONIUS BUNDLES

for 1:1 exchange of HQL luminaires.

PACKAGE 1 (P/N XLSP001)	P/N
4x QUADRONIUS XLS C	86040221x00
+ Wall switch XLS CC CONTROLLER	9800003
+ IR Sensor XLS CC HALL	9800006

PACKAGE 2 (P/N XLSP002)	P/N
6x QUADRONIUS XLS C	86040221x00
+ Wall switch XLS CC CONTROLLER	9800003
+ IR Sensor XLS CC HALL	9800006

QUADRONIUS



LUNA PRO BUNDLE

for 1:1 replacement of moisture-proof luminaires with 54W fluorescent tubes.

PACKAGE 3 (P/N XLSP003)	P/N
1x LUNA PRO INDUSTRY XLS C DM	5291110x01
+ 5x LUNA PRO INDUSTRY DALI	5291110
+ 5x TW 3x2,5mm ² +2x1,5mm ² Set	5552154
+ Wall switch XLS CC CONTROLLER	9800003
+ HF Sensor XLS CCS HF	9800007

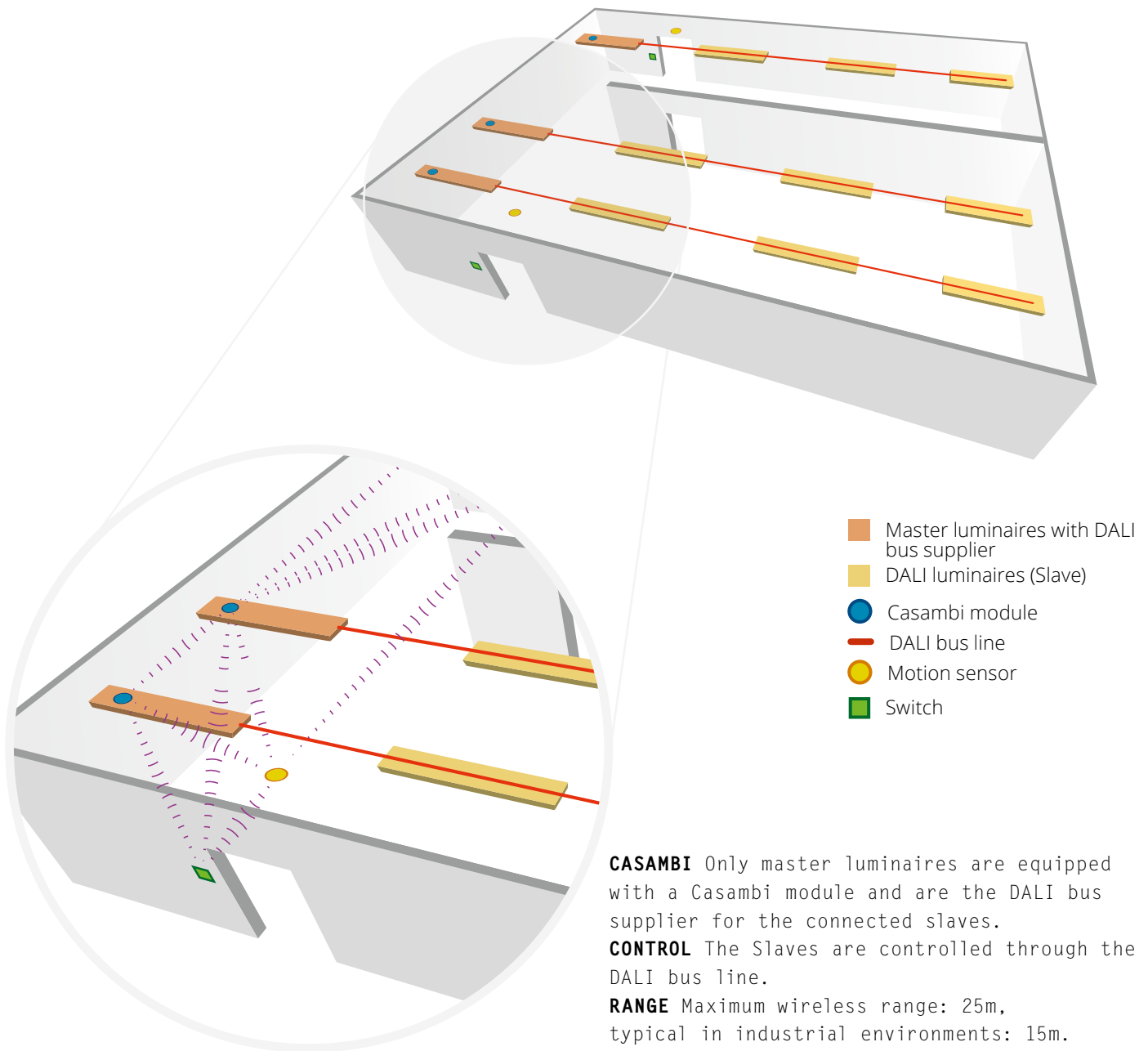
LUNA PRO



EXAMPLE MASTER SLAVE

Communication is the key to success. Here, only DALI Master luminaires are equipped with Casambi modules. This allows a wireless communication of the individual sensors and switches with the respective Master luminaire in a meshed network. Subsequently, the Master luminaires pass on the DALI signal to

the connected luminaires. This guarantees the rapid illumination of the entire area without the need to wire a central lighting control in an 1 to n relationship. Uncomplicated, cost-efficient and always accessible via app.



CASAMBI Only master luminaires are equipped with a Casambi module and are the DALI bus supplier for the connected slaves.

CONTROL The Slaves are controlled through the DALI bus line.

RANGE Maximum wireless range: 25m, typical in industrial environments: 15m.

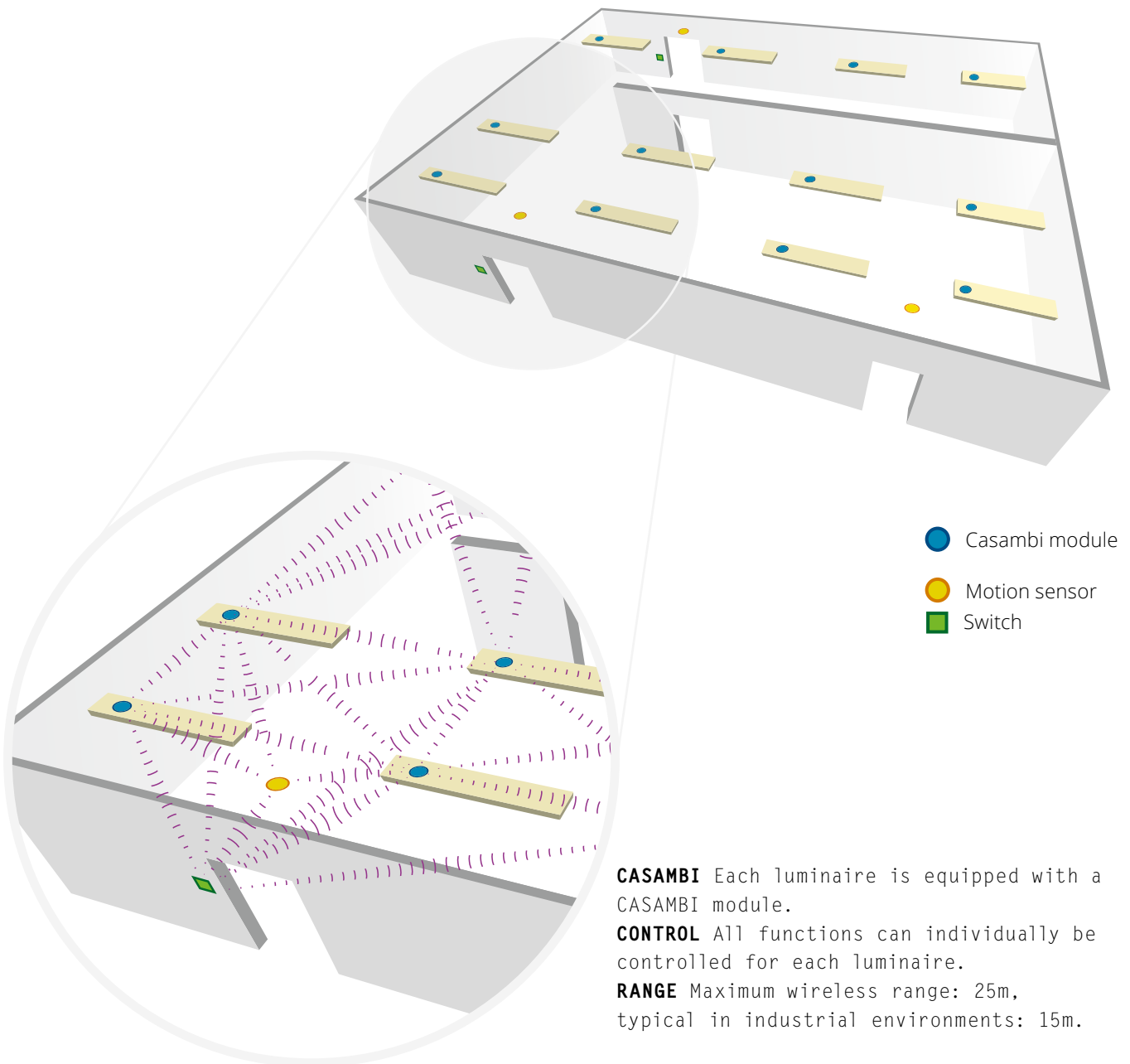
NUMBER SLAVES KATLA, TUBIS, QUADRONIUS, APOLLO single lamp: up to 20 Slaves; APOLLO, QUADRONIUS twin lamp: up to 10 Slaves.

EXAMPLE FULL MESHED VERSION

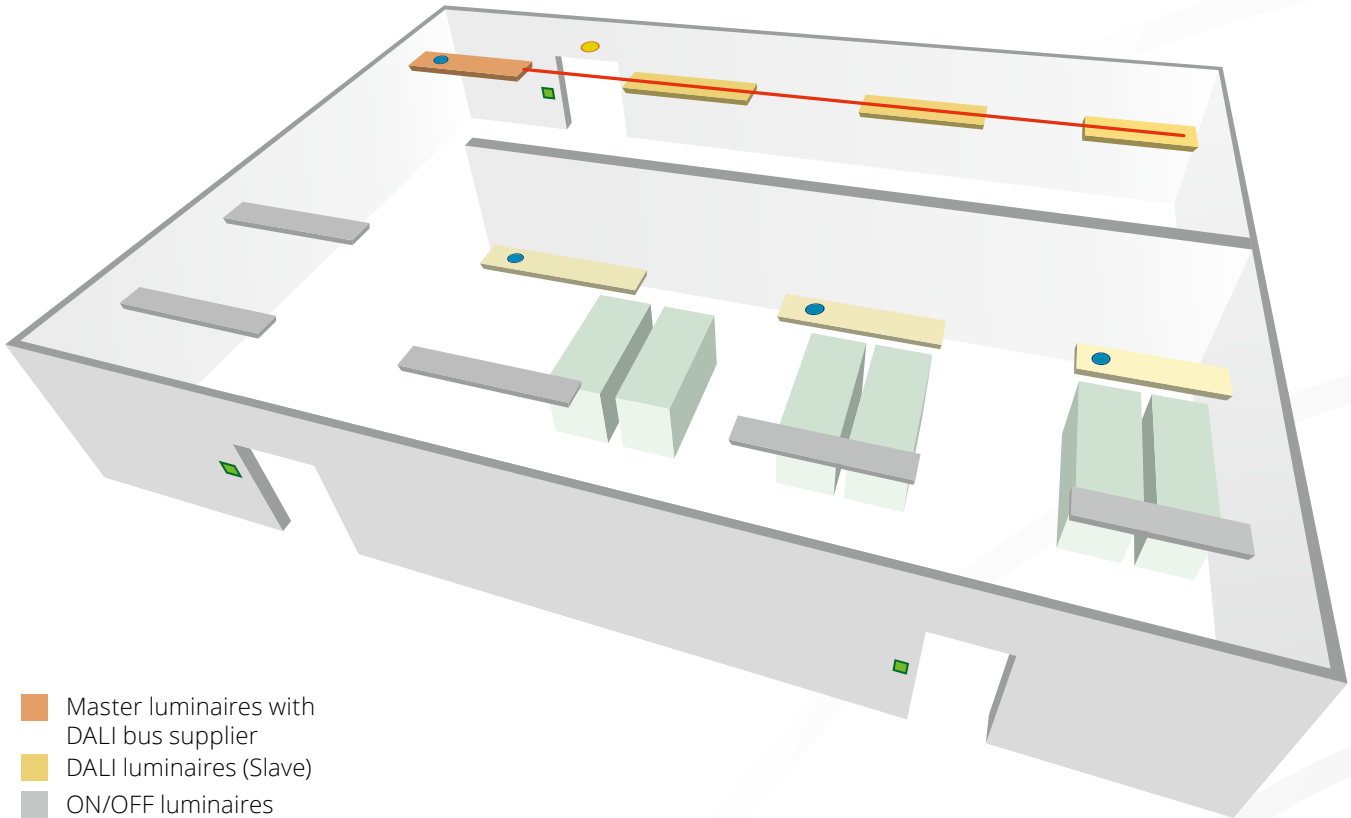
Every luminaire, every accessory, every sensor - full communication in a large, very detailed meshed network.

The network information and functionality is stated in the network itself and not in any dedicated local control system.

- No single point of failure
- Less installation effort
- Everything wirelessly controllable via app
- No through-wiring required, simple power connection is enough!
- Perfect solution for existing installations



EXAMPLE
**INFINITE POSSIBILITIES
 OF COMBINATIONS**



- Master luminaires with DALI bus supplier
- DALI luminaires (Slave)
- ON/OFF luminaires
- Casambi module
- DALI bus line
- Motion sensor
- Switch

XLS can easily and modularly be combined. This is particularly recommended for delimited areas within a circuit. Combinations of Master Slaves, Nodes and simple on/off lamps are possible. In the **shelf storage** - the XLS C DM luminaire is activated by the sensor and controls the following DALI luminaires which are connected via through-wiring with incl. 2x1.5mm² DALI line. The **path** is permanently illuminated for security reasons by ON/OFF.

The **workplaces** are each equipped with XLS C luminaires and can be configured completely independently according to the individual requirements and needs of the workplace via smartphone. The system offers unlimited possibilities of expansion and combination with light sensors, motion detectors and various user interfaces.

ACCESSORIES

Description	P/N
XLS CC BOX The BOX opens the door to the world of PRACHT XLS CASAMBI for analogue components with relay output. Connected with a 0,5 mm ² - 2,5 mm ² line connection, it provides integration into wireless Casambi mesh networks.	9800001
XLS CC SWITCH The SWITCH is an extension of a traditional wall switch. The switch is integrated into the flush-mounted box and wired in series. Predefined scenes can now be activated or deactivated via ON/OFF. The app is only necessary for the first programming.	9800002
XLS CC CONTROLLER The CONTROLLER is a wireless pushbutton user interface that can be freely configured with the Casambi app. The controller with its four definable keys enables to operate pre-configured scenes, animations, individual luminaires, luminaire groups or everything simultaneously. It also has four predefined keys for dimming and changing light colors. The app is only required for initial programming.	9800003
XLS CCS ASYM The daylight and motion sensor (infrared) with IP66 protection is designed for use in corridors and driveways. It has a maximum installation height of 12 meters and it can detect movements of up to 3/5 meters in diameter. In the app the daylight sensor can be combined with the luminaire control.	9800004
XLS CCS HRO The daylight and motion sensor (infrared) with IP66 protection is designed for use in high-bay warehouses. Its maximum installation height is 20 meters and can detect up to 5 meters movements in diameter. In the app the daylight sensor can be combined with the luminaire control.	9800005
XLS CCS HALL The daylight and motion sensor (infrared) with IP66 protection is designed for use in halls, especially in areas where large open spaces have to be monitored. Its maximum installation height is 14 meters and it detects movements in up to 28 metres in diameter. In the app the daylight sensor can be combined with the luminaire control.	9800006
XLS CCS HF (High-Frequency) The motion sensor with IP65 protection is designed for use in production halls and especially suited for areas with detection obstacles. Its maximum installation height is 12 meters and it can detect movements of up to 6 meters in diameter.	9800007



XLS CC BOX



XLS CC SWITCH



XLS CC CONTROLLER



XLS CCS ASYM



XLS CCS HRO



XLS CCS HALL



XLS CCS HF

ADDITIONAL CHARGE to ON/OFF

Description	Additional charge single lamp	Additional charge twin lamp
DALI	35,00 €	70,00 €
XLS C Luminaire - „Node“ controllable by Casambi - P/N Luminaire is to be completed by „x00“	125,00 €	160,00 €
XLS C DM Luminaire - DALI Master - directly controllable by Casambi per additional control of connected DALI Luminaires - P/N Luminaire is to be completed by „x01“	150,00 €	185,00 €

**„THERE WILL NEVER BE ANY COMPROMISE
IN THE QUALITY OF MY PRACT LUMINAIRES.“**

Alfred Pracht, founder, 1963