

Highbay 11

- Node Multisensor PC11
- Node

Drahtlose Steuerung

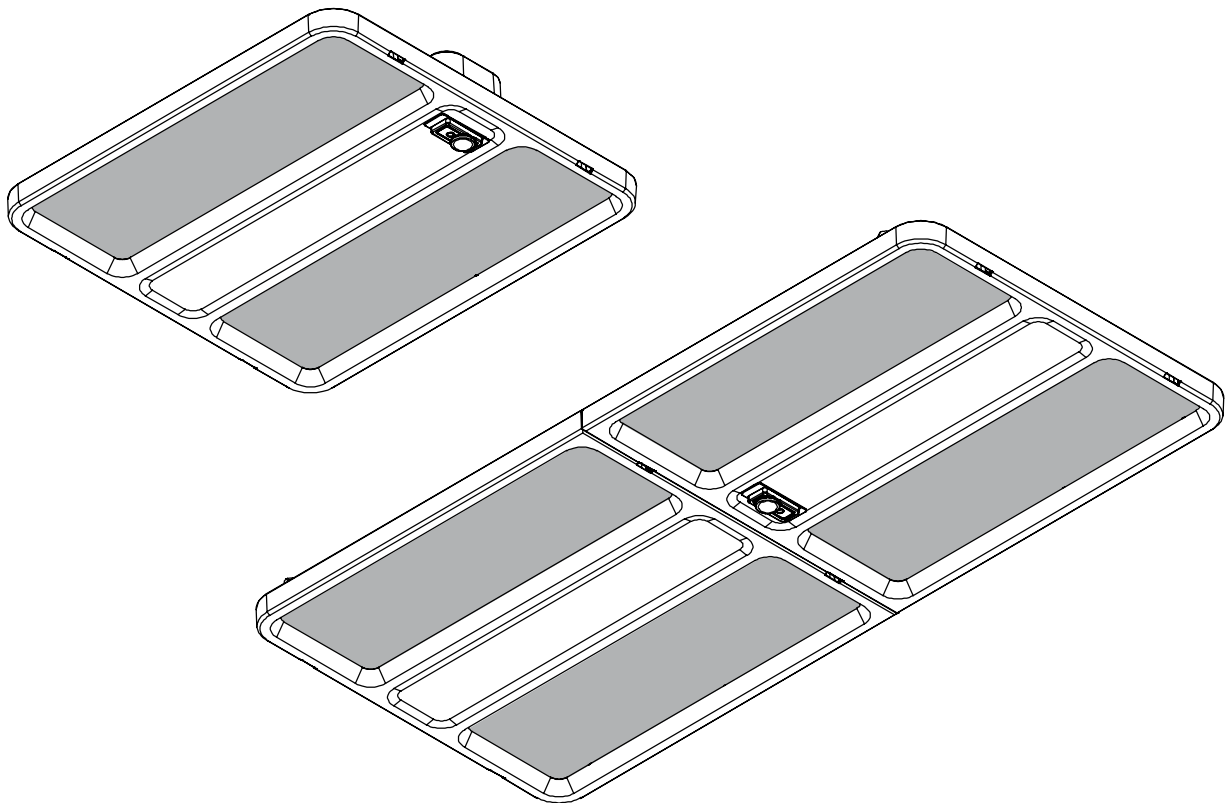
Wireless control

5 . HN . . . A . . . A01

5 . HN . . . B . . . A01

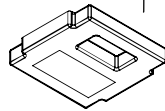
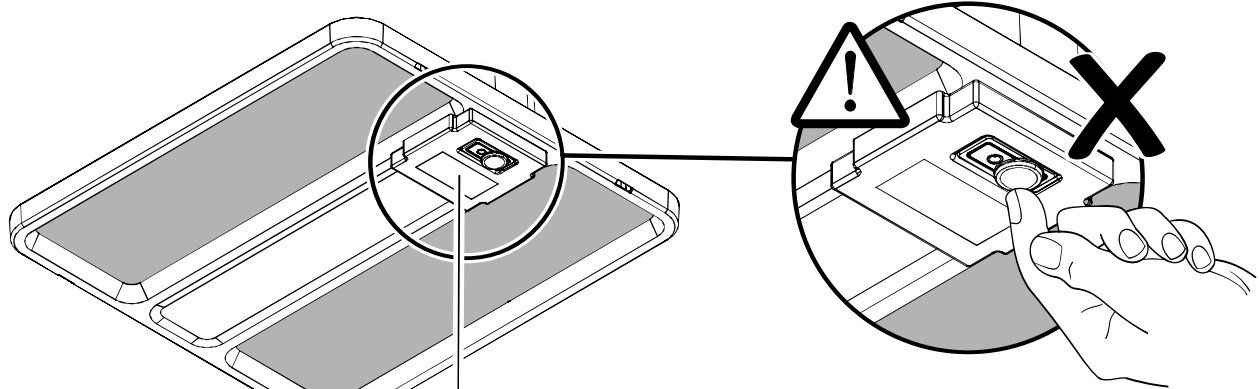
5 . HN . . . A . . . A02

5 . HN . . . B . . . A02

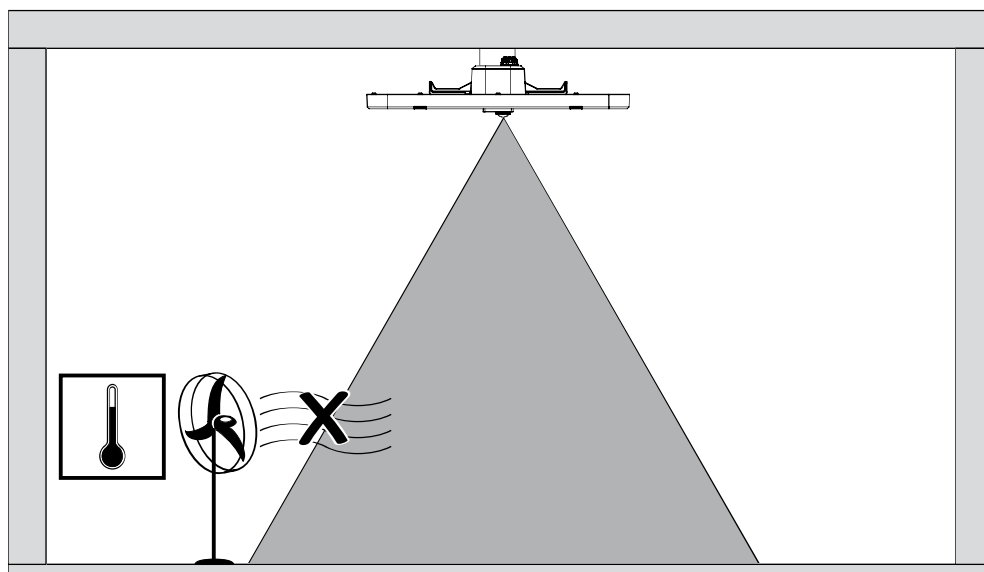
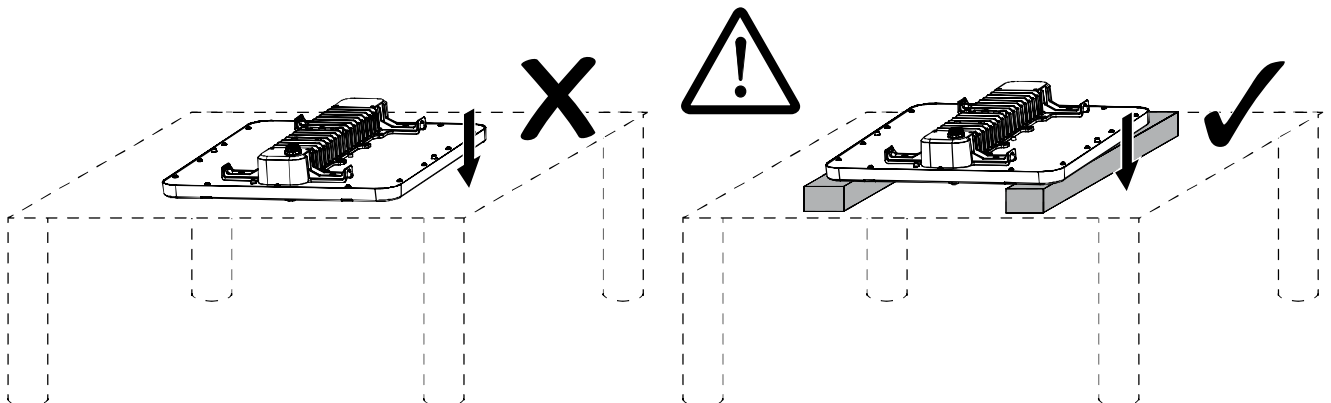


siteco

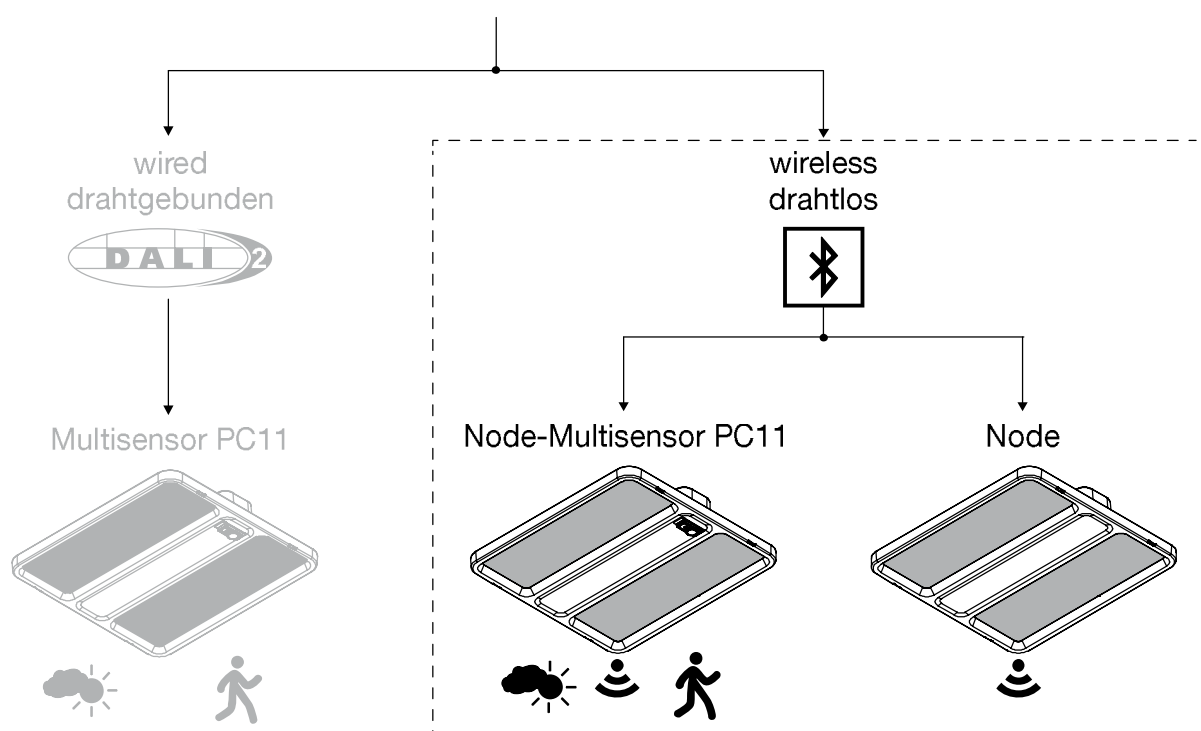
Movement Sensor - application tips Bewegungs-Sensor - Anwendungshinweise



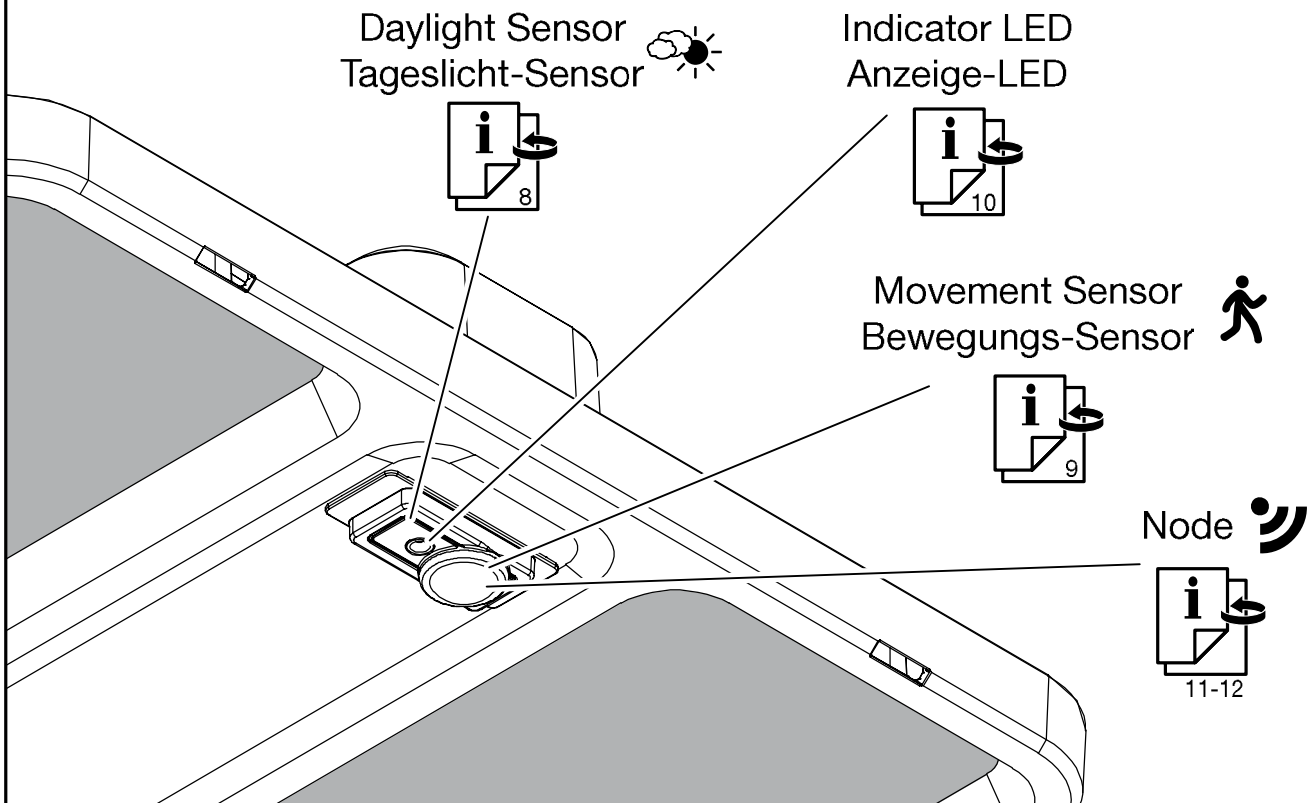
Attention!
only remove
after installation!
(damage protection)



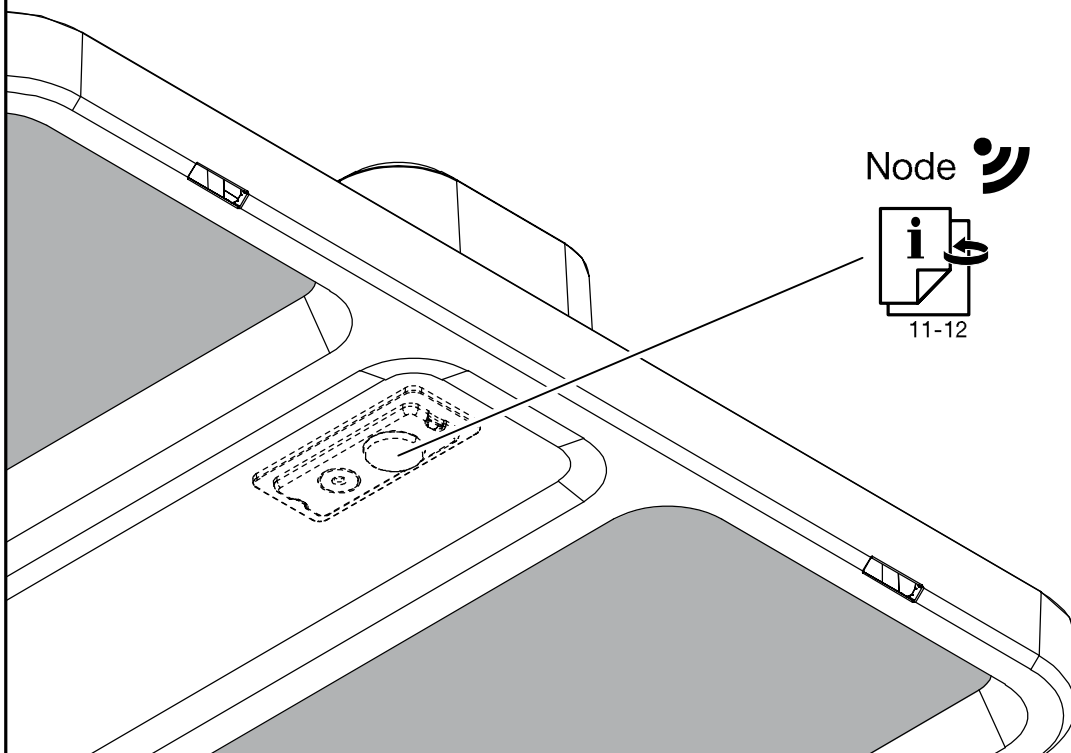
1 Options to control Steuerungsmöglichkeiten



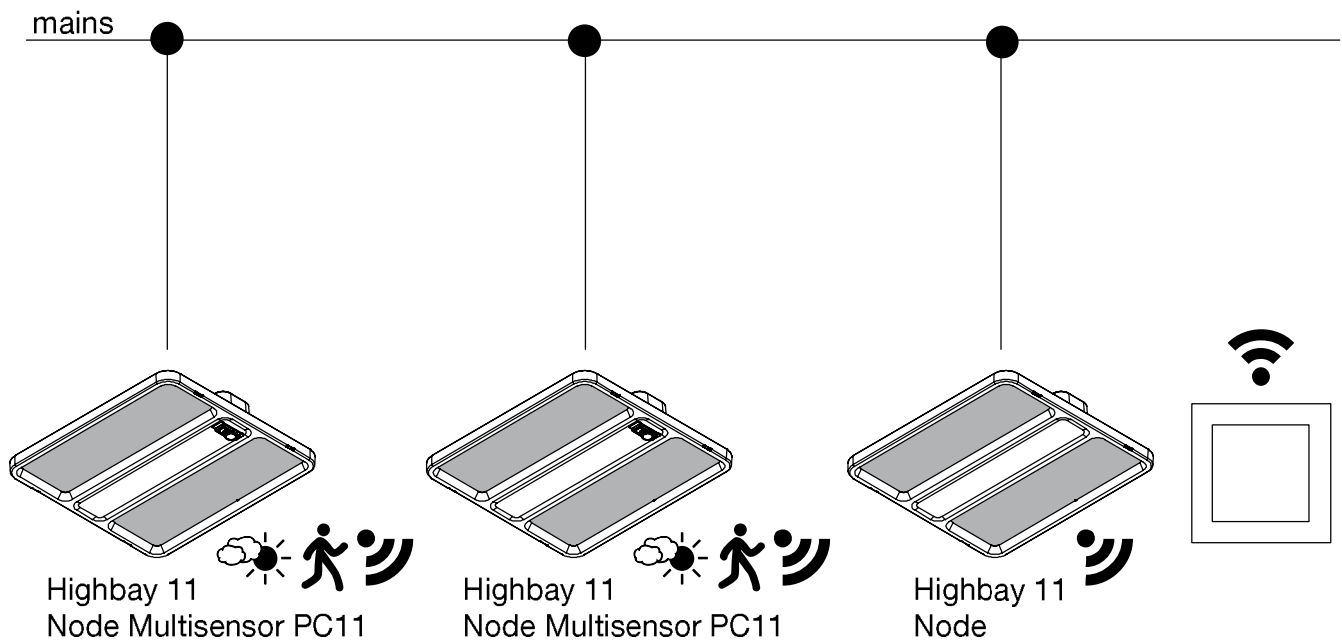
2 Highbay 11 Node Multisensor PC11



Highbay 11 Node



3 Electrotechnical scheme Elektrotechnisches Schema



System sizes: Any number of nodes are possible per network.

Maximum distance between Nodes: 15m

Systemgrößen: pro Netzwerk sind beliebig viele Nodes möglich.

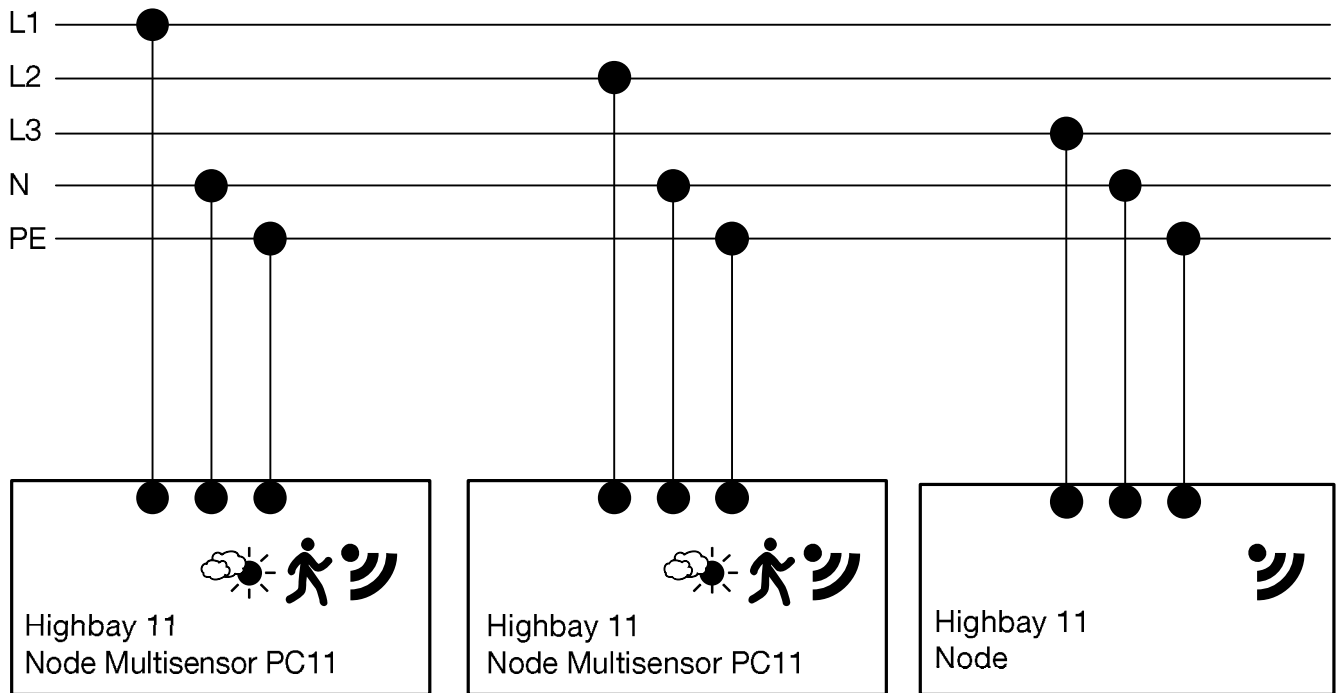
Maximaler Abstand zwischen den Nodes: 15m

Connection to lighting management systems or building managementsystem with gateway possible on request!

Anbindung an Lichtmanagement oder

Gebäudemanagement-System mit Gateway auf Anfrage möglich!

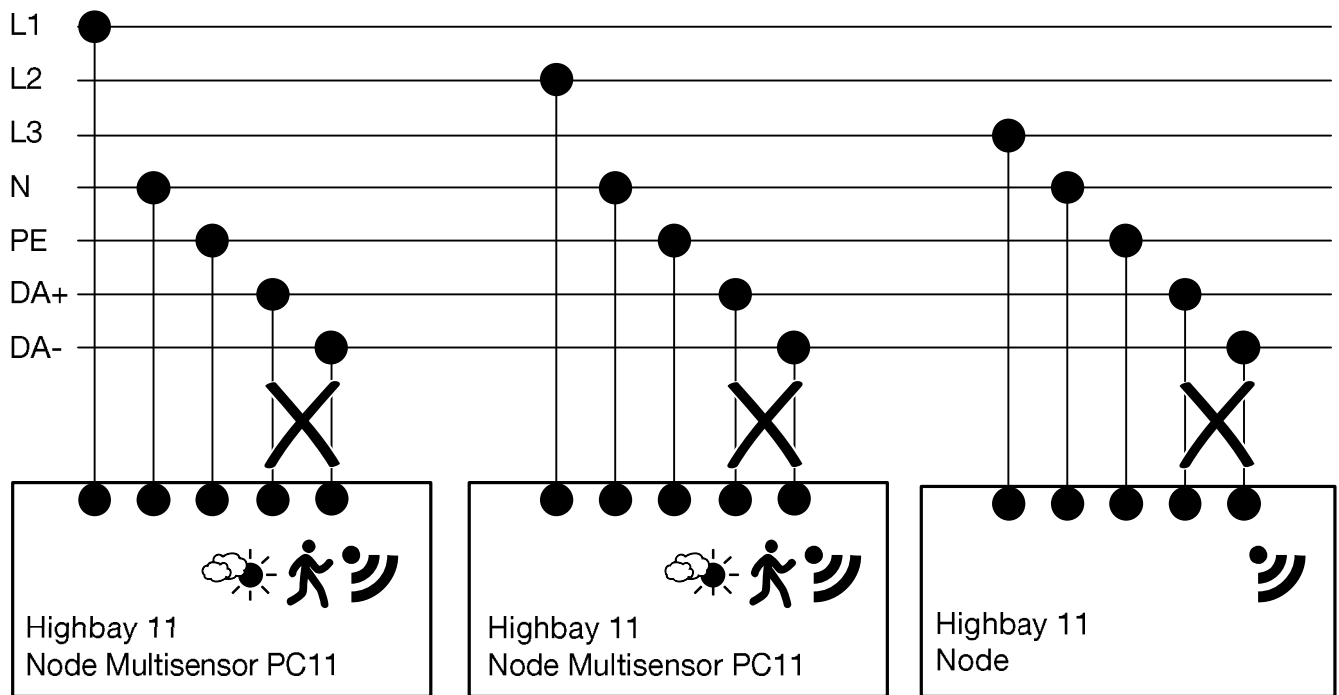
4.1 Electrical wiring Elektrischer Anschluss



System sizes: Any number of nodes are possible per network.
Systemgrößen: pro Netzwerk sind beliebig viele Nodes möglich.

Connection to lighting management systems or building
management system with gateway possible on request!
Anbindung an Lichtmanagement oder
Gebäudemanagement-System mit Gateway auf Anfrage möglich!

4.2 Multimaster operation not permitted Nicht zulässiger Multimaster-Betrieb



No DALI connection lines between the nodes/node multisensors:
DALI multimaster operation is not permitted!
Keine DALI-Verbindungsleitungen zwischen den Nodes/Node
Multisensoren: nicht zulässiger DALI-Multimaster-Betrieb!

5.1 Daylight Sensor - mounting location Tageslicht-Sensor - Montageort

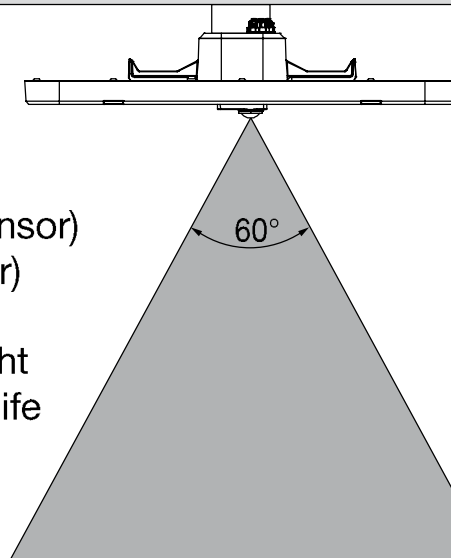


Measuring range (on the sensor)

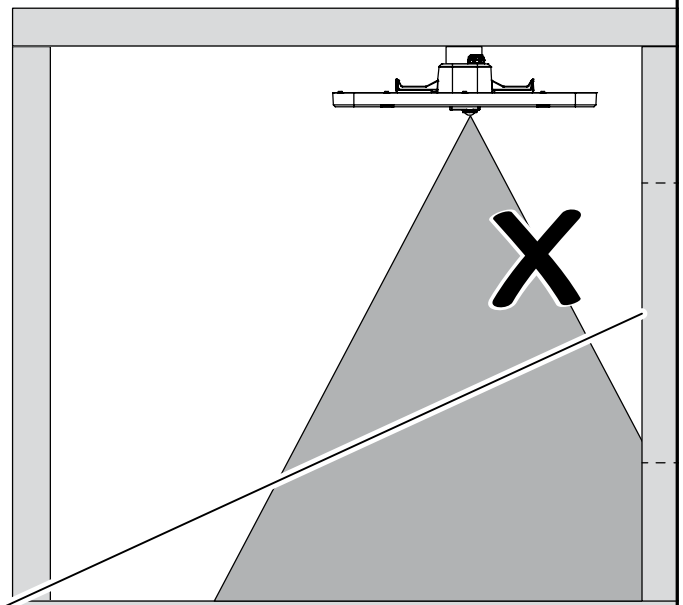
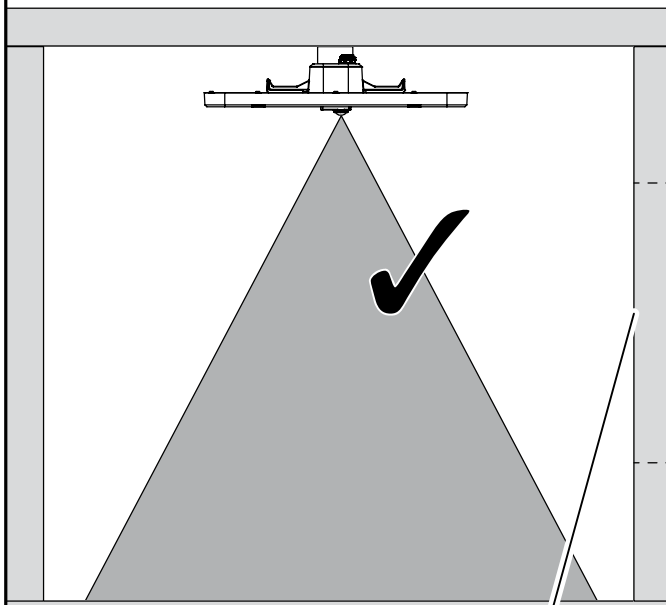
Messbereich (am Sensor)

5...5000lx

Closed loop reflected light
geschlossene Regelschleife



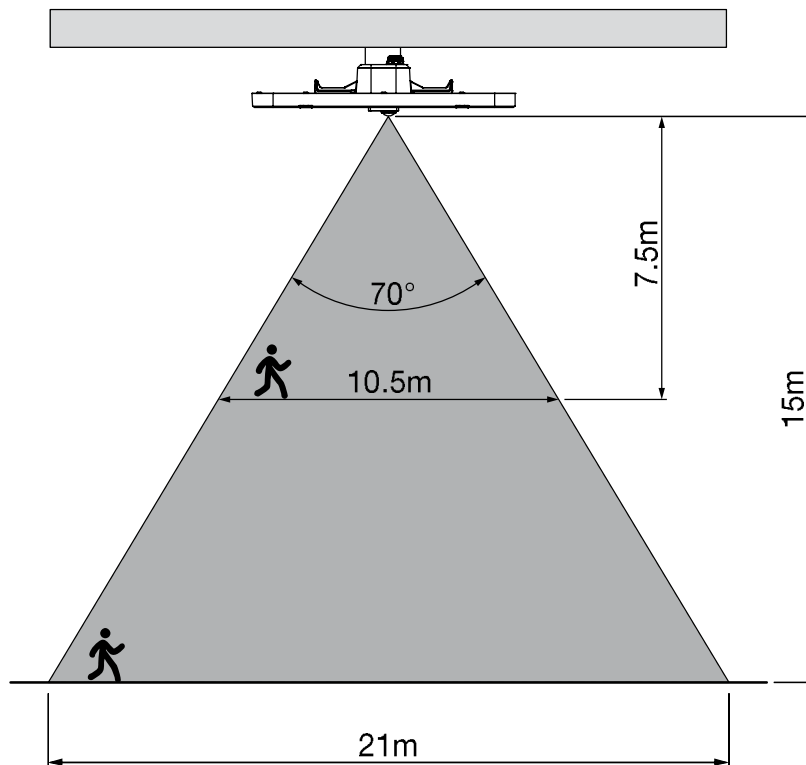
Floor as a reference measuring surface
Fußboden als Referenzmessfläche



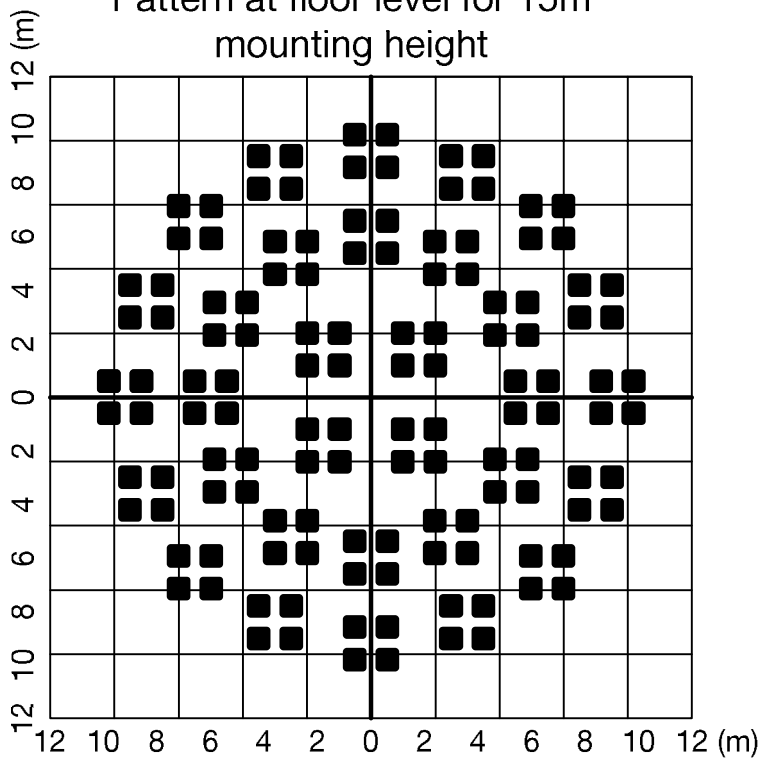
Window side
Fensterseite

5.2 Movement Sensor - technical details

Bewegungs-Sensor - technische Details



Pattern at floor level for 15m mounting height



Mounting height Montagehöhe	Diameter Durchmesser
5m	ca. ø7m
6m	ca. ø8.4m
7m	ca. ø9.8m
7.5m	ca. ø10.5m
8m	ca. ø11.2m
9m	ca. ø12.6m
10m	ca. ø14m
11m	ca. ø15.4m
12m	ca. ø16.8m
13m	ca. ø18.2m
14m	ca. ø19.6m
15m	ca. ø21m
16m	ca. ø22.4m
17m	ca. ø23.8m

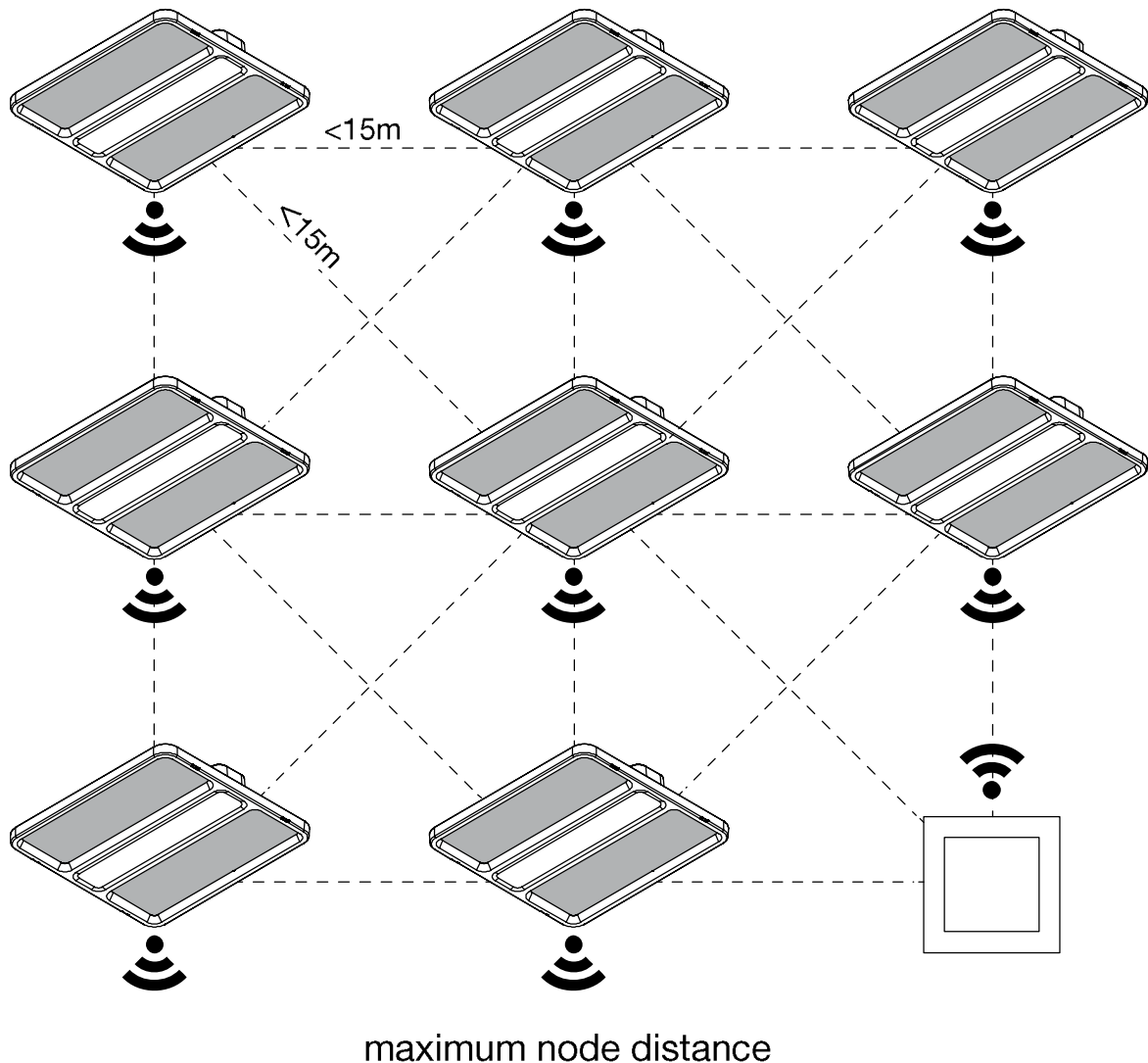
5.3 Indicator LED

Anzeige-LED



WH	10s continuous 10s	Power on Power On
RD	blinking blinkend	Identification Identifizierung
WH	continuous dauerhaft	Failure Fehler

5.4 Node – Bluetooth® Mesh Communication Node – Bluetooth® Mesh-Kommunikation

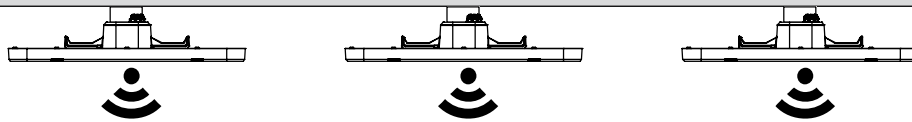


The internal Bluetooth antenna allows wireless and secure communication of all system components with one another.
Die integrierte Bluetooth-Antenne erlaubt eine drahtlose und sichere Kommunikation aller Systemkomponenten miteinander.

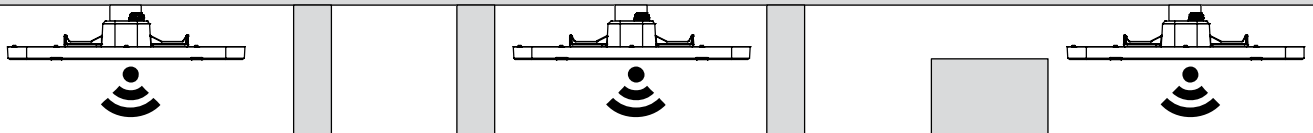
Maximum distance between Node/Node Multisensors <15m
Maximaler Abstand zwischen den Nodes/Node Multisensoren <15m

Node – Bluetooth® Mesh Sources of interference

Node – Bluetooth® Mesh Störquellen



Clear line of sight.
Direkte Sichtverbindung.



Wall
Wand

Shelf
Regal



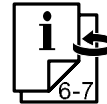
Structural conditions disrupt or limit wireless communication
Bauliche Gegebenheiten und Deckenkonstruktionen stören oder
limitieren drahtlose Kommunikation!

6 Out of the Box Function

HB11 Node/Node Multisensor in the correct installation location
HB11 Node/Node Multisensor am korrekten Montageort



Electrical wiring correct
Korrekt elektrischer Anschluss



Perfect wireless communication
Perfekte drahtlose Kommunikation



Fuse in mains
Netz einsichern



Initialization time
Initialisierungs-Zeit

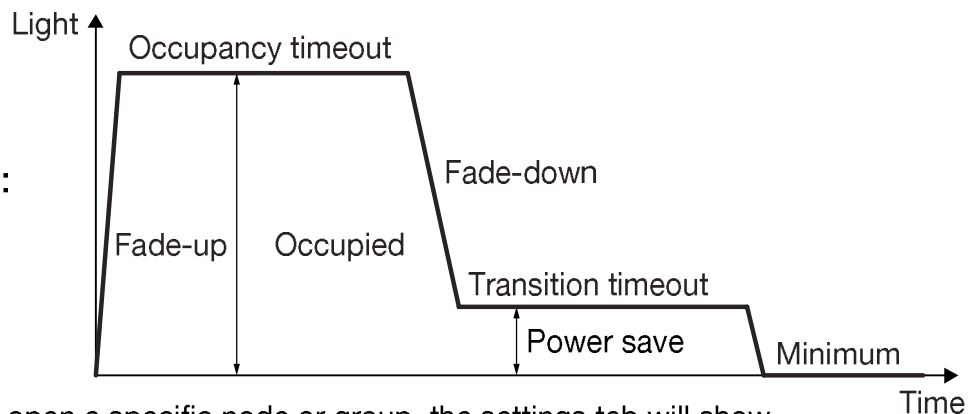


Out of the box function active
Out of the box Funktion aktiv

6.1 Out of the Box Function - default settings

Out of the Box Function - Werkseinstellung

Occupied: 100%
 Power save: 20%
 Minimum: 0%
 Occupancy timeout:
 10min
 Transition: 5min
 Fade-up: 1s
 Fade down: 60s



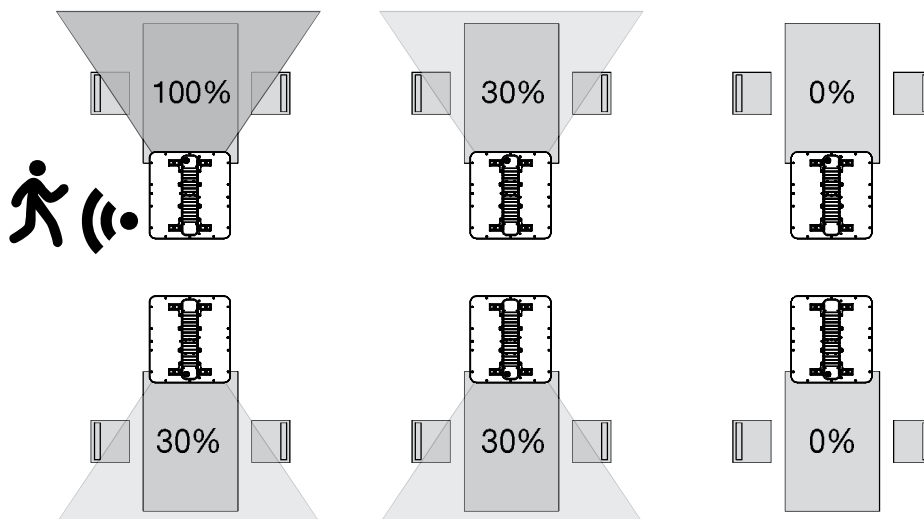
The following settings are factory-set for the out of the box function. If these values need to be modified, this can be done using the APP.



Die folgenden Einstellungen sind bei der Out of the box Funktion ab Werk eingestellt. Sind diese Werte zu modifizieren, kann dies mittels APP realisiert werden.



6.2 Out of the Box Function - AUTO SWARM



The auto-swarm function automatically switches on the lights only where you are and avoids dark neighboring areas by switching on the immediate neighboring lights with 10% light.

Die Autoschwarm-Funktion schaltet die Leuchten automatisch nur da an, wo man sich gerade aufhält und vermeidet dunkle Nachbarbereiche, indem unmittelbare Nachbarleuchten mit 10% Licht eingeschaltet werden.

7 Commissioning Inbetriebnahme

①



Google play



App Store

②



Commissioning
Inbetriebnahme

8 Further information Weiterführende Informationen



LumIdent®





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