DIGITAL AND SCALABLE SOLUTION FOR LIGHTING CONTROLS

WWW.TRILUX.COM

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REQUIREMENTS

- Presence detection & daylight regulation
- Scenes
- 4000 Luminaires
- 900 Sensors
- 600 DALI groups
- Monitoring: energy & status
- Interface to KNX BMS
- Interface to alarm system
- Integration of emergency lighting
- Easy adjustments by customer
- Building step 2 to be integrated later
REQUIREMENTS

• Graphical user interface
• Map of building
• Overview of sensors and luminaires
REQUIREMENTS

- Select sensors / luminaires
REQUIREMENTS

- Select sensors / luminaires
- Modify settings
- Change grouping (add or remove)
SOFTWARE OVERVIEW

LiveLink Application
- DALI Control (Lights+Groups)
- Taskmodules for Lighting Control
- Scenes
- Interfaces (BMS, etc.)
- Diagnosis

Device Position Database
- All Positions with Lights ID
- Room List
- Background Pictures for UI
- Additional information
HARDWARE OVERVIEW
Switch 1
Switch 2
Switch 3
Server, Masterswitch

RJ45: Max. 95m
STEP 1: IMPORT DATA

Lightplanning of every Room including Luminaires + Sensors

Extraction to database: Positions of devices + Floor, Room, Offset
STEP 2: BUSSCAN
STEP 3: ASSIGN DEVICES
Lightplanning of every Room including luminaires + Sensors

Randomly adressed Devices

DP Converter
USER INTERFACE
Motion control
Daylight regulation
Sequences
Data Aggregation

- Monitoring (Energy/Status)
- Lifetime
- Service / Failure Data
- Remote Control
- Heatmapping
- FW Updates
- Etc.

Luminaire Data

IP, BMS
Open API
Building API
User Apps
Dashboard
Trilux Systems (Salesforce, ERP)
Trilux Customer Portal

Cloud

MQTT

Luminaire Data
- Temperature
- Burning Hours Status
- Power Consumption
- Sensor Data
- Failure Status
- Serial Number

DALI Parts 251 - 253

GUI
SPECIFICATIONS

- Customer specific functionality
- Full DT6 and DT8 compatibility
- DALI 2 sensor integration
- D4i → DALI Parts 251 – 253
- Cloud connection

→ Suitable for installations with up to thousands of luminaires
WELCOME, FABIAN MAYER.

TRILUX GMBH & CO. KG

DOKVAST 6

<table>
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<tr>
<th>MESSAGES</th>
<th>POWER USAGE</th>
<th>ECG TEMPERATURE</th>
<th>DIMMING LEVEL</th>
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EDC

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