# Explore Our New Website

## Depending on your needs as:

LIGHTING MANUFACTURER

SYSTEM INTEGRATOR

SPECIFIER
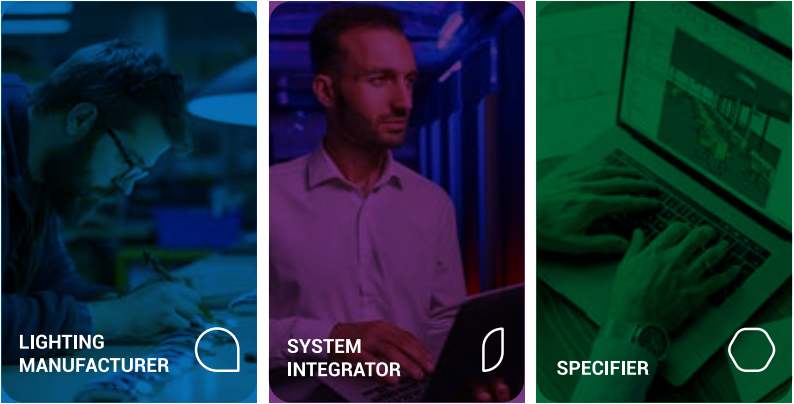
## View detailed product information

Side-View

Front-View

Top-View
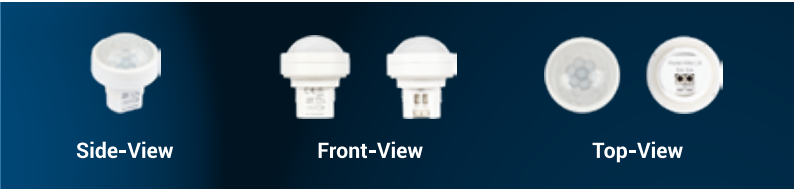
## Get inspired by success stories

Sport

Office

Logistics

School
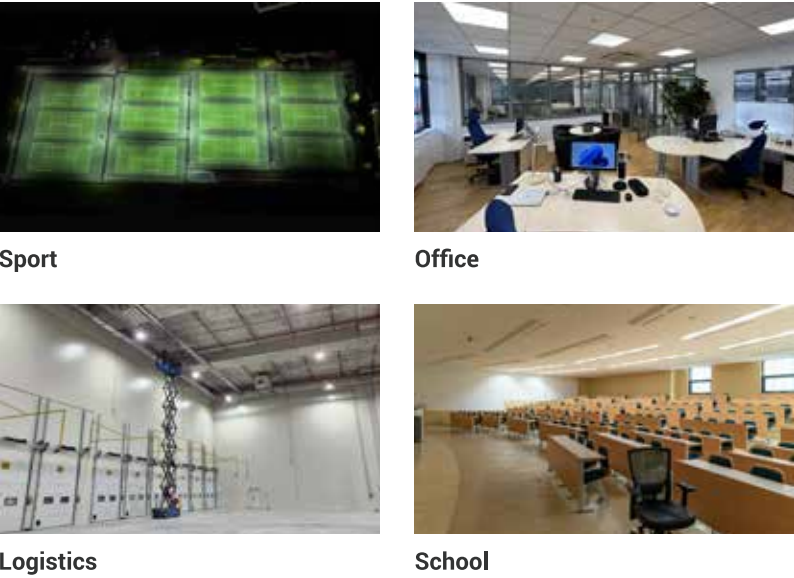
## All data in one file to share

Global Lighting Data Format

Electrical

Mechanical

Measurement

Mounting

GLDF

Operation

Marketing

Specialities
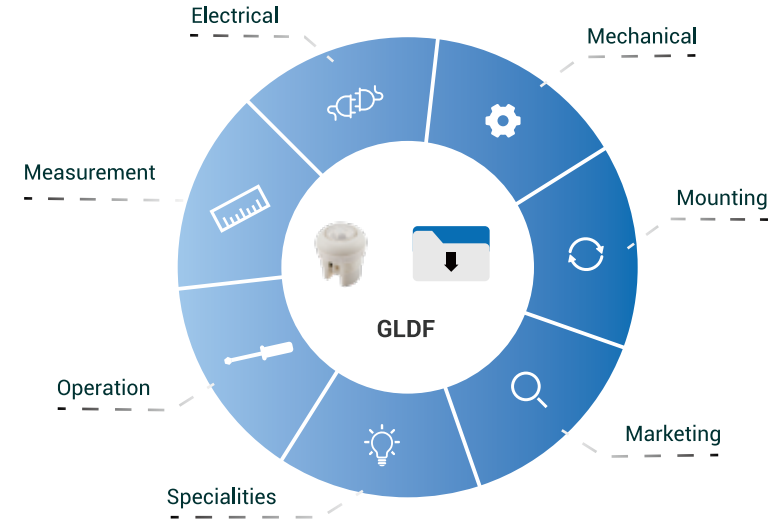
## Free project planning service

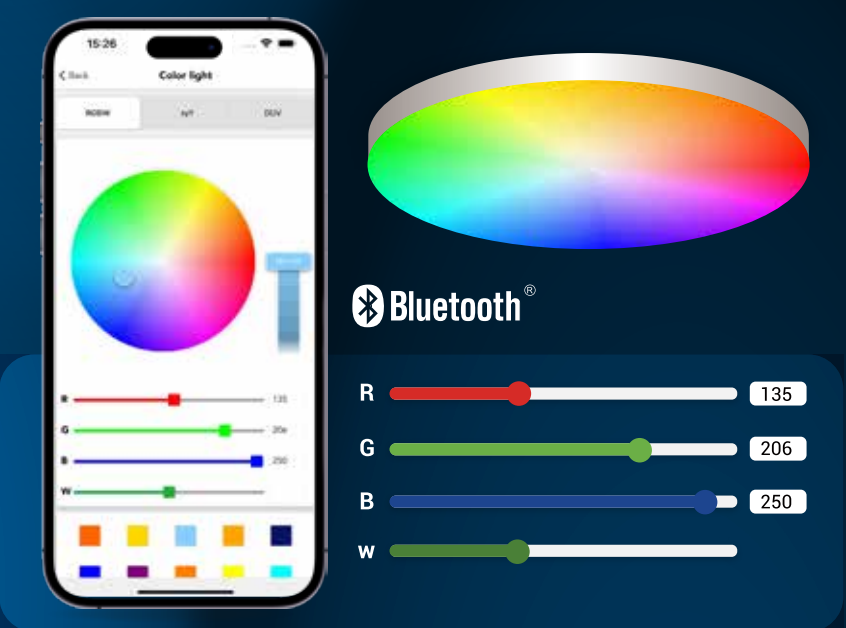You don't need to know our entire product portfolio
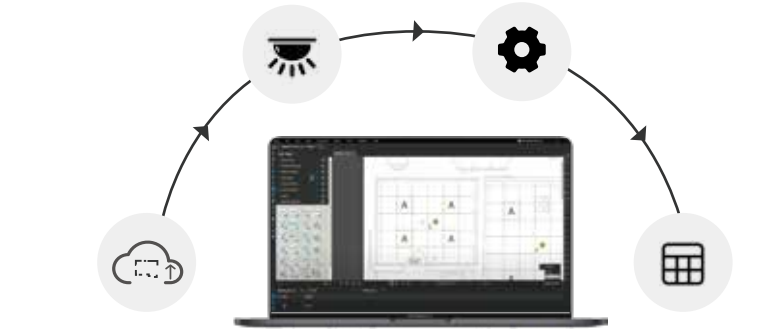
Steps:
1. Go to hytronik.com/bluebeam
2. Tell us what you want to achieve
3. Attach the drawing in .pdf
4. We'll recommend the best sensor and control options
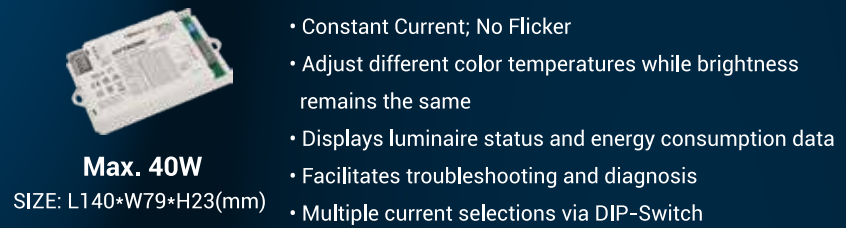5. Receive a proposal with sensors on the drawing and a BOM

Bluebeam

# Full Sunlight Spectrum (Blackbody) Chroma (DUV) Tuning

15:26  Color light

RGBW   xyY   DUV

R    135
G    206
B    250
W

**Bluetooth**®

## HBEW8040

HYTRONIK
Koolmesh

Max. 40W
SIZE: L140*W79+H23(mm)

• Constant Current; No Flicker
• Adjust different color temperatures while brightness remains the same
• Displays luminaire status and energy consumption data
• Facilitates troubleshooting and diagnosis
• Multiple current selections via DIP-Switch

## Ideal Applications

# Zhagabook 18 Standard

IP65
MAX:12M(H)

D4i   DALI-2

Bluetooth®   0-10V

PIR   HF

## Ultra Highbay Sensors

MAX:21M(H)

DUAL
HF + PIR

DUAL
HF + PIR

PIR

Ceiling Mount

Batten-fit

Surface Mount

Bluetooth SIG Mesh

DALI

Human Centric Lighting

Daylight Harvest

Tri-level

Ambient Daylight Threshold

Active Lux Switching

Loop-In Loop-out

# Multi-meter ® Bluetooth®

For Accurate Lux Measurement & Dynamic Bluetooth Transmission & Air Temperature & Humidity

LUX

HUMIDITY

TEMPERATURE

NFC

LED Indication

With solar battery

NFC integrated

Designed for Office Desks & Warehouse Flow

HBLM01

## Kinetic Switch

- Self powered
- Waterproof (no electric shock)
- Without battery
- Freely placeable
- Without wiring
- 1, 2, 3 or 4 switches

## Touch Panel

- Keep real-time for up to 7-8 weeks against power failures
- Manual adjustment: on/off, dimming and color tuning
- Manual/automatic screen brightness adjustment
- Touchscreen with vibration, beeper, and LED indicators
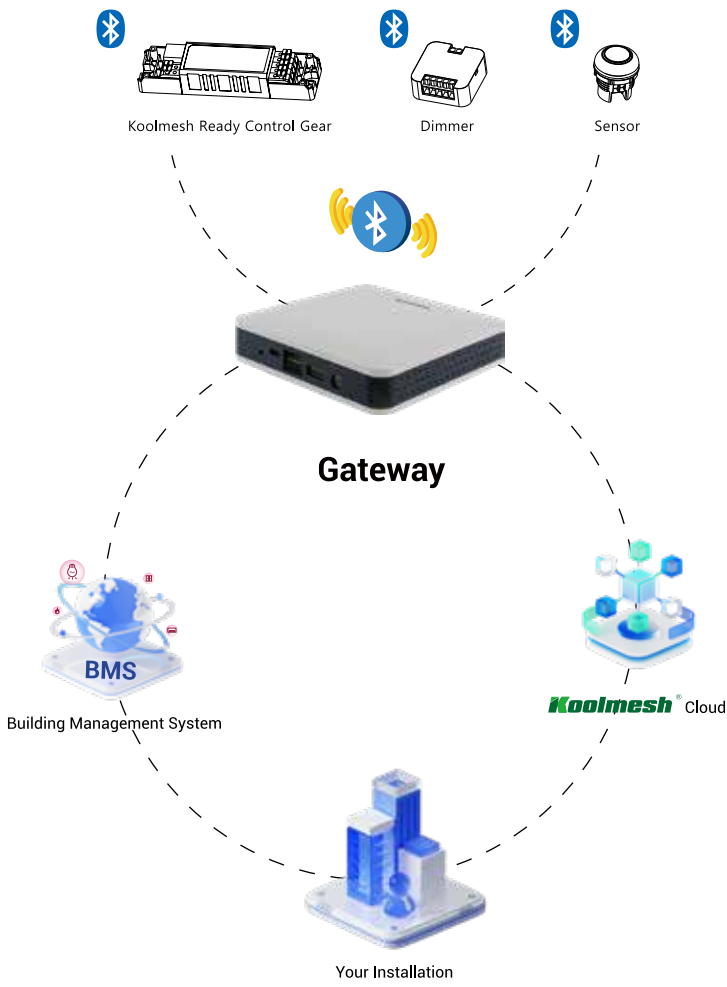- Clean mode and screen lock timer

## Touch Tablet

- Enable extensive control over multiple devices
- Provide multiple interaction modes
- Display temperature, humidity, and illumination
- Easy operation & quick to master
- Gateway capabilities combined

**Full suite of connectors**
(RJ45 | DC12~24VIN | RS 485 | AC100~240)

## Intelligent Gateway

Koolmesh Ready Control Gear
Dimmer
Sensor

**Gateway**

BMS
Building Management System

Koolmesh Cloud

Your Installation

Data transmission between Mesh network & Ethernet
Available with POE power supply version
Seamless integration with BMS
Extended Bluetooth Range
Cost-Effective Solution

## Bluetooth Mesh Device Interoperability

HBIR29/NLC
HIR60/NLC

SILVAIR X HYTRONIK
SENSORS & LIGHTING CONTROL

### Bluetooth® NLC

Full-stack standard for industrial and commercial lighting
Cross-vendor interoperability through the device layer
Simplified commissioning by web and mobile application
Multiple control options catering to diverse lighting needs
Enterprise-Grade reliability and scalability

## Track Real Consumption, Wirelessly And Effortlessly

Shelly X Koolmesh
— TAILOR MAKE YOUR SOLUTION

### Shelly Energy Metering

Monitor power consumption
Safety notifications
Record power consumption over different periods
Store historical data on energy consumption

## HYTRONIK®
SENSORS & LIGHTING CONTROL

## What do you find inside

**?**

Best way to start a lighting project
Where to find product data and inspiration
New product launches
New future-proof Bluetooth features
And in general... the right sensor for the right room

**Powered by**
Koolmesh®
— TAILOR MAKE YOUR SOLUTION

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# CONFIGURABLE& SCALABLE LIGHTING CONTROLS