



TDE-lighttech  
illuminating creativity

One **Fixture.**  
**Every** Mood.



**MOODSPOT series**  
& IZI-Light control System

# One Fixture. Every Mood.

Meet the Moodspot+LP: a new generation downlight that brings unmatched flexibility to architectural and entertainment lighting. Where most luminaires come in separate versions, the Moodspot+LP combines Warm Dimming, Tunable White, and full RGBW color control into a single, powerful fixture—without compromise.

Designed for theatres, auditoriums, and premium house lighting, the Moodspot+LP delivers a high-quality light output with an exceptionally high CRI. Its advanced Warm Dimming and CCT tuning follow the Black Body Locus, smoothly ranging from 6500K down to a candle-like 1400K, and dimming completely flicker-free to 0.0%. When creative freedom is required, the full RGBW engine opens the door to rich colors and subtle accents.

Powered by the internal IZI-Link+ hybrid LED driver, the Moodspot+LP uses reliable two-wire powerline communication and is fully HD camera-proof. Seamless switching between Warm Dimming, Advanced Tunable White, and RGBW modes makes this fixture truly versatile—one solution for every atmosphere, every application.

DMX-Channels:

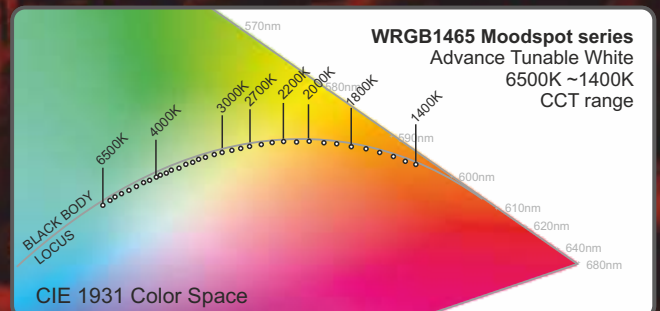
| Mode name: |                       | 1             | 2           | 3   | 4 | 5     | 6       | 7       | CCT/Colour range: |
|------------|-----------------------|---------------|-------------|-----|---|-------|---------|---------|-------------------|
| M1         | Master RGBW           | Master        | R           | G   | B | W     | -       | -       | RGBW              |
| M2         | RGBW                  | R             | G           | B   | W | -     | -       | -       | RGBW              |
| M3         | TrueTW                | Level         | CCT         | -   | - | -     | -       | -       | CCT               |
| M4         | TrueWD                | Level         | -           | -   | - | -     | -       | -       | WD                |
| M5         | Dynamic Auto6         | Master        | CCT         | R   | G | B     | W       | -       | CCT + RGBW        |
| M6         | Dynamic Select6       | Master        | R           | G   | B | W/CCT | Control | -       | WD / CCT / RGBW   |
| M7         | Dynamic Select7       | Master        | CCT         | R   | G | B     | W       | Control | WD / CCT / RGBW   |
| M8         | TrueTW 16bit          | Master Course | Master Fine | CCT | - | -     | -       | -       | WD / CCT / RGBW   |
| M9         | TrueWD 16bit          | Master Course | Master Fine | -   | - | -     | -       | -       | WD / CCT / RGBW   |
| M10        | Dynamic Select6 16bit | Master Course | Master Fine | R   | G | B     | W/CCT   | Control | WD / CCT / RGBW   |



# MOODSPOT+LP



- **True Tunable White**  
*Black Body Locus curve tracking for perfect white tones*
- **Full colour RGBW spectrum**  
*For stunning and full colour effects*
- **CCT-tuning from 6500K down to 1400K**  
*Seamless CCT control for creating the right atmosphere*
- **Flicker free dimming to 0.0%**  
*HD camera proof due to the unique hybrid dimming technology*
- **Vibrant and natural light quality**  
*Fully calibrated LED-Engine with high CRI and very good RED values (Ra>90, R9>90)*
- **Modular hardware design**  
*Recessed, bracket, rail and pendant versions available*
- **IZI interchangeable optics and covers**  
*Low glare reflector design with high quality color mixing*
- **IZI-Link+ enabled Downlight**  
*No data cabling required thanks to the IZI-Link+ 2-wire 48VDC powerline communication technology*



# MOODSPOT *series*

The Moodspot series downlights are available in versions with special integrated IZI-Link+ LED drivers for the IZI-Link 2-wire 48V Powerline communication system or in versions that require an external LED driver, such as the IZI-DriveCC2+ LED driver.

*Moodspot series with integrated IZI-Link+ LED driver:*

| Type:                         | LED-engine:                                 | Output: | Power: | Beam angle:                 |
|-------------------------------|---|---------|--------|-----------------------------|
| <b>WRGB1465-LP</b>            | Advanced Tunable White / WarmDimming / RGBW | 800lm   | 11W    | Spot-Medium-Flood-Wideflood |
| <b>Moodspot+<br/>WRGB1465</b> | Advanced Tunable White / WarmDimming / RGBW | 2700lm  | 35W    | Spot-Medium-Flood-Wideflood |
|                               |   |         |        |                             |
| <b>WRGB1465-MP*</b>           | Advanced Tunable White / WarmDimming / RGBW | 2700lm  | 35W    | Spot-Medium-Flood-Wideflood |
| <b>ATW1450-LP*</b>            | Advanced Tunable White / WarmDimming        | 920lm   | 11W    | Spot-Medium-Flood-Wideflood |
| <b>ATW1450-MP*</b>            | Advanced Tunable White / WarmDimming        | 3100lm  | 35W    | Spot-Medium-Flood-Wideflood |

*Moodspot series without integrated LED driver (external IZI-DiveCC2+ LED driver required)*

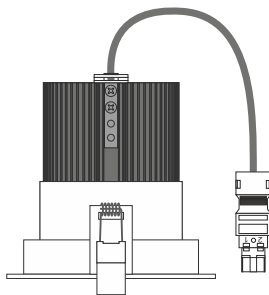
| Type:             | LED-engine:                 | Output: | Power: | Beam angle:                 |
|-------------------|-----------------------------|---------|--------|-----------------------------|
| <b>WD800</b>      | WarmDimming                 | 850lm   | 10W    | Spot-Medium-Flood-Wideflood |
| <b>WD1830</b>     | WarmDimming                 | 3000lm  | 35W    | Spot-Medium-Flood-Wideflood |
|                   |                             |         |        |                             |
| <b>TW1830-LP*</b> | Tunable White / WarmDimming | 850lm   | 10W    | Spot-Medium-Flood-Wideflood |
| <b>TW1830-MP*</b> | Tunable White / WarmDimming | 3000lm  | 35W    | Spot-Medium-Flood-Wideflood |

(\*) These Moodspot models are under development

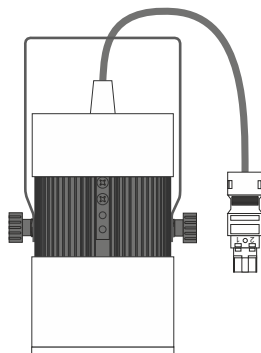
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## Moodspot versions:

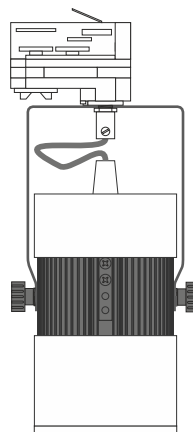
Available in black or white housings  
Many options are available,  
please inquire about the possibilities.



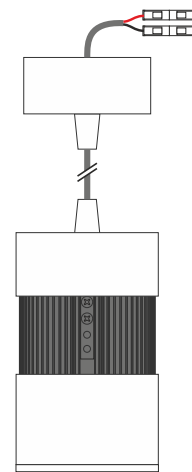
Recessed



Bracket



Track



Pendant

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Moodspot+LP WRGB1465



Moodspot+ WRGB1465

# MOODLINE series

The Moodline series is a premium range of LED modules designed to integrate perfectly with the Moodspot product family. By combining high-quality components with advanced electronics, Moodline delivers reliable performance and outstanding lighting quality.

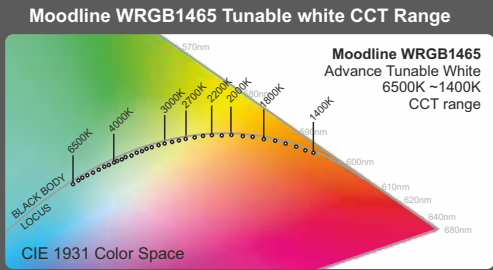
Each Moodline LED module features precision current regulation to guarantee stable lumen output, uniform light distribution and a long service life. Installation is fast and efficient, as all electrical connections can be made without soldering thanks to the innovative contact connection technology.

The Moodline series is supported by an extensive range of purpose-designed aluminium profiles and plastic covers, offering maximum flexibility in both design and application. For optimal control, TDE-lighttech has developed the dedicated IZI-LC6 Mk3 LED driver, specifically tailored to the Moodline series.

For the Moodline WRGB1465 LED module, specially calibrated control modes are available within the IZI-LC6 Mk3 LED driver. These modes are fully aligned with the user modes of the Moodspot WRGB1465, enabling both product lines to be seamlessly combined within a single lighting project.



| Special WRGB1465 modes |                 | DMX-Channels: |     |   |   |       |         | CCT/Colour range: |
|------------------------|-----------------|---------------|-----|---|---|-------|---------|-------------------|
|                        | Mode name:      | 1             | 2   | 3 | 4 | 5     | 6       |                   |
| M15                    | TrueTW          | Level         | CCT | - | - | -     | -       | CCT               |
| M16                    | TrueWD          | Level         | -   | - | - | -     | -       | WD                |
| M17                    | Dynamic Select6 | Master        | R   | G | B | W/CCT | Control | WD / CCT / RGBW   |





# MOODLINE LED modules, profiles and accessories

## LED-Modules - Contant Voltage series

| Type:                    | LED-type: | CCT:           | CRI (@2700K) | Power/Module: | Dimensions: | Control:       |
|--------------------------|-----------|----------------|--------------|---------------|-------------|----------------|
| <b>MoodLine WRGB1465</b> | W + RGB   | 1400K~6500K    | Ra>90/R9>0   | 13.2Watt max. | 420x21.7mm  | CV - 24VDC PWM |
| <b>RGB4230</b>           | RGB       | RGB range*     | -            | 7.2Watt max.  | 420x21.7mm  | CV - 24VDC PWM |
| <b>MTW2540</b>           | WW + W    | 2500K~4000K*   | Ra>90/R9>0   | 12Watt max.   | 420x21.7mm  | CV - 24VDC PWM |
| <b>MTW2030</b>           | WW + W    | 1800K~3000K*   | Ra>90/R9>0   | 12Watt max.   | 420x21.7mm  | CV - 24VDC PWM |
| <b>L4242</b>             | W         | 2000K / 6500K* | Ra>90/R9>0   | 2.8Watt max.  | 420x21.7mm  | CV - 24VDC PWM |
| <b>M4242</b>             | W         | 2000K / 6500K* | Ra>90/R9>0   | 7.2Watt max.  | 420x21.7mm  | CV - 24VDC PWM |
| <b>H4242</b>             | W         | 2000K / 6500K* | Ra>90/R9>0   | 10.8Watt max. | 420x21.7mm  | CV - 24VDC PWM |

Recommended LED Driver Type: **IZI-LC6Mk3 - 6 Channel 480W CV LED Driver**

## LED-Modules - Contant Current series

| Type:             | LED-type: | CCT:         | CRI (@2700K) | Power/Module: | Vf + Imax     | Dimensions: | Control: |
|-------------------|-----------|--------------|--------------|---------------|---------------|-------------|----------|
| <b>3012CC</b>     | W         | 1800K~3000K* | Ra>90/R9>0   | 13.4Watt max. | 9.6V / 1400mA | 300x21.7mm  | CC       |
| <b>MTW3054</b>    | WW + W    | 1800K~3000K* | Ra>90/R9>0   | 6Watt max.    | 8.7V / 700mA  | 300x21.7mm  | CC       |
| <b>MTW3660</b>    | WW + W    | 1800K~3000K* | Ra>90/R9>0   | 7.8Watt max.  | 8.7V / 900mA  | 360x21.7mm  | CC       |
| <b>MTW580108</b>  | WW + W    | 2500K~4000K* | Ra>90/R9>0   | 12.1Watt max. | 17.3V / 700mA | 580x16mm    | CC       |
| <b>MTW1180216</b> | WW + W    | 2500K~4000K* | Ra>90/R9>0   | 24.2Watt max. | 34.6V / 700mA | 1180x16mm   | CC       |
| <b>MTW1480270</b> | WW + W    | 2500K~4000K* | Ra>90/R9>0   | 30.2Watt max. | 43.2V / 700mA | 1480x16mm   | CC       |

Recommended LED-driver type: **IZI-Drive CC2 - 2 Channel 80W CC LED-driver**

\* TDE-lighttech can supply various standard LED modules in standard colors from stock, but specializes in supplying LED modules on project basis.

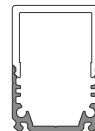
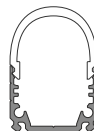
Please inquire about the options and terms for any demand of your project.

Standard colors available on request are (minimum MOQ apply): 2000K / 2200K / 2500K / 2700K / 3000K / 3500K / 4000K / 4500K / 5000K / 5700K / 6500 and solid colours like Red, Green , Blue, Mint, Violet, Orange, etc.

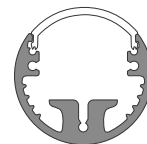
### MoodLine profiles:



24mm aluminium low profile with flat, half-round or square plastic covers, in transparent, opal or black opal.  
Profiles in anodized silver or black.



24mm aluminium high profile with flat, half-round or square plastic covers, in transparent, opal or black opal.  
Profiles in anodized silver or black.



38mm aluminium profile with plastic cover, in transparent or opal.  
Profiles in anodized silver or black.

### MoodLine accessoires:

Various accessories are available for the aluminium profiles, such as end caps/plates, mounting and assembly materials, suspension systems, connection cables and connectors.

Inquire about the extensive possibilities of the MoodLine series LED lines and luminaires.





# IZI-Light Control System

## *IZI-Light Control System Modules:*

### **IZI-AccessPro**

IZI-AccessPro gateway / DMX, RDM, Art-Net, sACN, OSC & DALI-Input controller, 1024ch, realtime clock with programmable scheduler and timers, programmable macro and rules, multiple IZI-Touch display support, build-in OLED display with menu buttons, programmable scenes, sequences and soft patches, 6 playbacks, 4 hardware contact inputs and 32 virtual contact inputs, DIN-rail

### **IZI-Access**

IZI-Access gateway / DMX, Art-Net, sACN, OSC & DALI-Input controller, 512ch, with programmable scenes, sequences and soft patches, 6 playbacks, 4 hardware contact inputs and 32 virtual contact inputs, DIN-rail

### **IZI-Touch**

5" High resolution wide angle IPS touch screen, PoE connection, freely programmable display layout, compatible with IZI-AccessPro

### **IZI-IO**

IZI-IO expander for the IZI-Access(Pro) with 8 programmable I/O ports, DIN-rail

### **IZI-PowerCom+**

IZI-Link+ PowerLine Communication interface module, 48VDC, 720W output, DIN-rail

## *IZI-Link LED-driver Constant Current (CC):*

### **IZI-DriveCC2+**

IZI-Link Constant Current LED-driver module, 48VDC, 2 channels, 40W/ch output power, Vf max 40VDC

## *IZI-Link LED-Driver Constant Voltage (CV):*

### **IZI-LC6mk3**

High power Constant Voltage LED-driver, 24VDC, 6 channels, 480W output, 80W/ch output power, DMX control, DIN-rail

# The IZI-way to control your lights

## IZI-Touch – Intuitive, Customizable Control at Your Fingertips

The IZI-Touch is a sleek touchscreen device that connects to an IZI-AccessPro over the network. Using the IZI-Supervisor, you can design your own custom interface with buttons, faders, images, and labels—tailored exactly to your installation. Functions can even be protected with a PIN code for secure operation.

One of its greatest strengths appears when multiple IZI-Touch units are linked to the same IZI-AccessPro: every button and fader stays perfectly synchronized across all devices. The screen layout and configuration are automatically downloaded from the IZI-AccessPro, keeping everything consistent and easy to manage.

Whether in theaters, hotels, cinemas, or large multi-zone venues, the IZI-Touch offers effortless, elegant lighting control wherever you need it. The **IZI-Touch** is a freely programmable touchscreen control panel for wall mounting, suitable for use in combination with the **IZI-AccessPro** light controller/gateway.

### **Features:**

- **5" Wall Mounted IZI-Touch Control Panel**  
Landscape or portrait mounted on standard EU installation boxes
- **High resolution wide angle IPS touch display**  
With 1280 x 720 pixels, 10-point capacitive touchscreen, high contrast and 500nits brightness
- **PoE Ethernet connection**  
No external power supply needed
- **Automatic synchronization between multiple IZI-Touch displays**  
Up to 4 IZI-Touch display may connected to an IZI-AccessPro controller
- **Take full control over most features of the IZI-AccessPro**  
64 scenes, 12 sequences, 6 individual playbacks, 32 virtual contactinputs to toggle, pulse and trigger scenes, sequenes, softpatches, macro's, scheduler, timers and contact outputs
- **Freely programmable display layout:**
  - ☐ In total maximum 32 objects with Buttons, Border buttons, Faders, Master faders and labels
  - ☐ Programmable button actions with Toggle, Pulse, Trigger and up to 3 sets of Radiobutton groups all in Normally open (NO) and closed (NC) actions
  - ☐ Programmable colours for buttons, faders, labels and fonts, all for active an inactive states and groups, borders and background.
  - ☐ Screen grid size of 12 x 12 with up to 16 groups, each with a grid size of 12 x 12
  - ☐ Timeout and sleepmode settings with optional PIN-code levels and uploadable custom screensaver image

# IZI-Touch



## *IZI-Control over:*

- 64 Scenes and 12 Sequences over 6 individual Playbacks
- 32 Virtual Contact inputs (to Toggle, Pulse and Trigger Scenes, Sequences, Softpatches, Macro's, Scheduler, Timers and Contact outputs)
- 1024 channels over sACN / Art-Net (512 channels over DMX)



# The heart of an IZI-Link(+) system



## IZI-Access(Pro) connections:

- 1 Power connector
- 2 Access Status LED
- 3 Function switch
- 4 IO LEDs
- 5 USB-B connector
- 6 RJ45 ethernet input
- 7 Dali input
- 8 Dali thru
- 9 DMX / RDM in
- 10 DMX / RDM thru
- 11 DMX / RDM out / IZI-Link
- 12 Contact inputs
- 13 IZI-BUS interface
- 14 IZI-BUS Status LED

*IZI-Link+ system*

*IZI-Link system*

The IZI-Access(Pro) can be used for both the IZI-Link and IZI-Link+ systems. With the IZI-Link+ system, all expansion modules are connected to the IZI-Bus connection. The IZI-Bus consists of a bidirectional high-speed CAN bus for real-time control and monitoring of all data that runs via the IZI-Link+ system. The IZI-Link+ system can be commissioned and monitored with the IZI-supervisor Windows software environment.

With the IZI-Link system, all expansion modules are connected to the DMX / IZI-link output. The IZI-Link system can be commissioned with the IZI-Manager Windows software.

# IZI-Access(Pro)

The **IZI-Access(Pro)** is the heart of an IZI-Link(+) system and this gateway connects the IZI-Link(+) system with DMX+RDM, Art-Net, sACN (Ethernet), OSC and DALI.

The IZI-Access(Pro) is housed in a small DIN-Rail module and has a wide range of connection options, making the module widely applicable.

Numerous functions, programming and settings are possible via the special software environment **IZI-supervisor** and built-in web interface, see a brief overview below. The IZI-AccessPro is a more extensive version of the IZI-Access and features extra functionalities as an extra 2nd universe output (Art-Net/sACN), RDM-support, a Real-time clock with internal battery backup, Scheduler, programmable Timers and Marcos and a handy OLED display on which all kinds of basic settings can be set and read directly (IP address / Status / Event log / etc.).

## IZI-Access

- **6 Protocols supported**  
DMX / Art-Net / sACN / OSC / DALI / IZI-Link(+)
- **Ethernet interface**  
DHCP / Static IP
- **Build-in webserver**
- **64 Programmable scenes**  
with 1024 channel level information
- **12 Programmable sequences**  
max. 128 scenes per sequence
- **4 Soft patches**  
On DMX, Art-Net and sACN channels
- **6 Playback buffers**
- **Playback masters**
- **4 Hardware contact inputs**
- **32 Virtual contact inputs**  
DMX / Art-Net / sACN / OSC / IZI-Link+ modules
- **Input to output mapping**  
DMX / Art-Net / sACN

## IZI-AccessPro

*All functionalities of IZI-Access, including*

- **Build-in OLED-display**  
with 3 menu buttons
- **2 Universe lightcontroller**  
with maximum 1024 output channels
- **RDM support**  
Simulates IZI-Link(+) fixtures on RDM-input
- **Second universe In/Output**  
on Art-Net / sACN
- **Multiple IZI-Touch display support**
- **Patched universe** (via Art-Net/sACN)
- **Realtime clock with battery backup**
- **Programmable scheduler**
- **Programmable timers**
- **Programmable macros**
- **Programmable rules**
- **Second universe In/Output**  
on Art-Net / sACN

# IZILINK

# DIGITAL WITHOUT

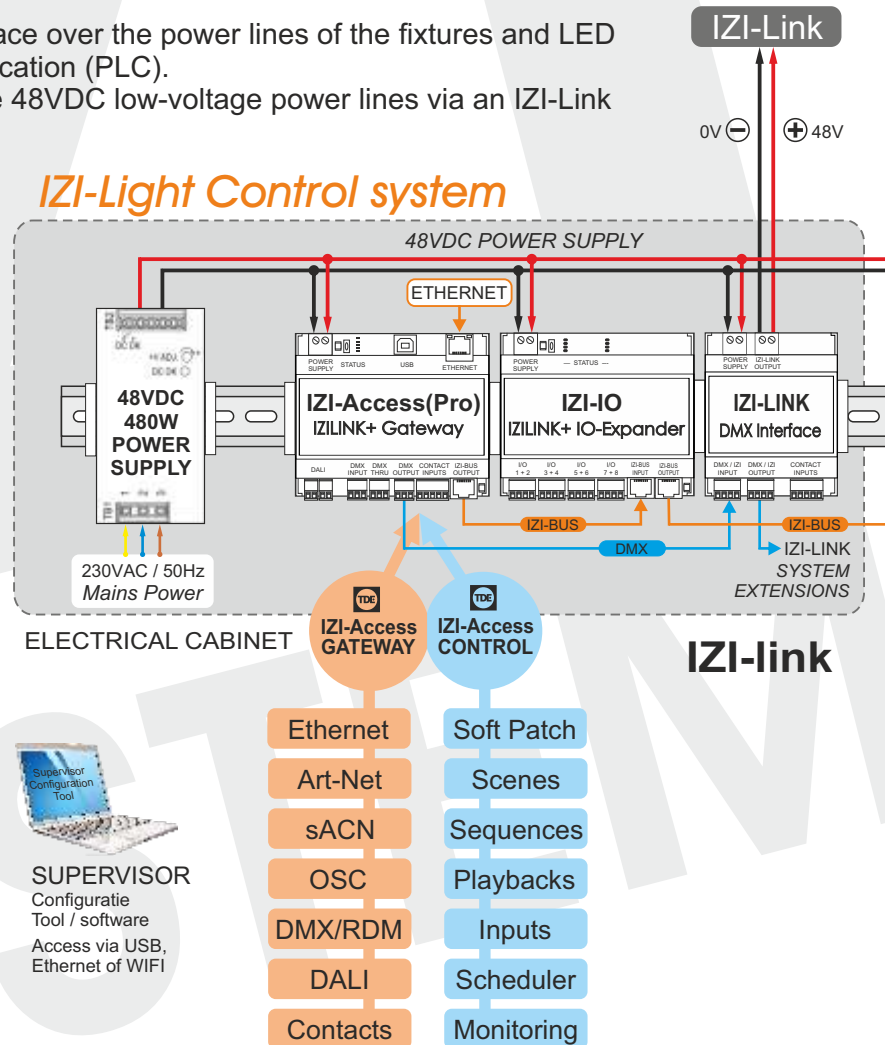
The **IZI-Link(+)** system is designed to simplify the installation and operation of LED lighting. With the IZI-Link(+) system, separate data cabling (DMX, DALI or Ethernet) to the fixtures is no longer necessary, which simplifies the installation and makes it less susceptible to interference. Another major advantage is that (existing) electrical wiring can be (re)used, which makes upgrading old installations to LED simple and cost-saving because no new cabling needs to be installed.

With IZI-link(+), digital communication takes place over the power lines of the fixtures and LED drivers, this is also called PowerLine Communication (PLC). The digital control signal is sent over the 2-wire 48VDC low-voltage power lines via an IZI-Link Powerline interface. The information speed of the IZI-Link(+) system is very fast and suitable for real-time live show control and corresponds to the DMX protocol with a frame rate of up to 40x per second.

Here is a schematic overview of a typical IZI-Link(+) installation cabinet. The **IZI-Access** is the central module to which the control signal of the lighting console/computer is connected, e.g. a DMX signal via the RS485 interface or Art-Net / sACN signal via an ethernet connection.

Each IZI-link(+) Powerline (group) consists of a 48VDC power module and an IZI-link Powerline Interface. The number of luminaires and/or LED drivers that can be connected to an IZI-link power line depends on the total power of everything connected to the relevant IZI-link power line. For larger installations, the installation cabinet will have to be expanded with multiple IZI-link power groups in order to meet the total power consumption.

**2-Wire**  
Powerline  
Moodspots

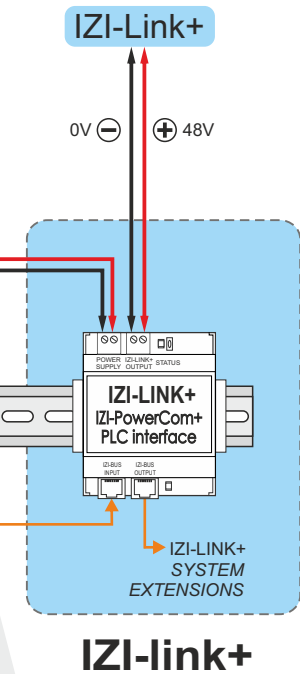




# CONTROL DATA-WIRING



## 48VDC connection & LED-drivers



TDE-lighttech has further developed the existing IZI-link system into the new IZI-link+ system, so that it better matches the possibilities of a number of new products that are launched on the market. Functions such as real-time 2-way communication, improved network with multiple communication bands and support for a maximum of 2 universes per IZI-AccessPro module for controlling large numbers of Moodspot luminaires and LED drivers.

Below is a brief summary of the possibilities of the new IZI-Link+ system:

### **2-way communication:**

- Feedback modules (live viewing of online / status, monitor info, power)
- Possibility to report system errors directly to users
- Possibility to distribute input signals back over Powerline
  - Dimmers and Switches
  - Motion sensors (PIR)
  - Analog measurements (light, temperature, etc.)

### **Improved network:**

- IZI-Link has one band, IZI-Link+ has at least 12 bands (possibility of much larger systems)
- Possibility of up to 256 channels over one power line (IZI-Link has 64ch). With the new multichannel WRGB1465 Moodspots this is definitely a powerful solution
- High constant refresh rate (40 frames/sec transmit and simultaneously receive up to 30 frames/sec)
- Support for 2 universes with the IZI-AccessPro (2 x 512 channels)

### **Commissioning and maintenance:**

- Fast discovery of connected IZI-Link+ devices
- Possibility to change live settings (without affecting current light levels)
- Possibility to replace a single fixture without a PC (settings are automatically taken over, after pressing a button).

### **Logging:**

- Energy logging (day / week / month / year)
- Event logging (errors / warnings / status / user actions, for all modules)

# Muziekgebouw aan 't IJ

Amsterdam, Netherlands

Project realization:

Lichtpunt Theatertechniek, Groningen



- 221x Moodspot WRGB1465
- 21x IZI-Link DMX-interface
- 21x Powersupply 480W/48V
- 3x IZI-Access gateway





### Lichtpunt:

*"In the summer of 2005, the Muziekgebouw aan 't IJ/Bimhuis was officially opened. In the building designed by the Danish architectural firm 3xN, the hall lighting in the large hall was in urgent need of replacement. Lichtpunt was asked by the building managers to make a plan for this. At the time, the hall lighting was equipped with 220 built-in luminaires with halogen AR 111 lamps with a capacity varying from 50 to 100 Watt. The entire layout of the luminaires was therefore fixed. After many test setups, a newly developed luminaire was finally chosen: The TDE Moodspot WRGB 1465, with a maximum capacity of 34W. By using different beam angles and the possibility to dim each luminaire individually, a good, even light distribution could be created. In close collaboration with the technicians of the Muziekgebouw, everything was supplied and installed by Lichtpunt in 2023.*

*The Moodspot WRGB is characterized by its high CRI and R9 values. Unique is that this spot dims flicker-free both from and to 0 and fully maintains the "blackbody". This means that during dimming, the color temperature always follows the same curve as natural light sources, such as incandescent lamps. Various modes, such as warm dimming, tunable white and RGBW can be controlled remotely individually per spot via DMX. TDE IZI-Link was used for control via the existing 2-wire cabling, which allowed for significant savings on material and installation costs. At the request of the technicians of the Muziekgebouw, Snoots were also used, among other things to shield the light from the walls, which are illuminated separately with LED strips."*



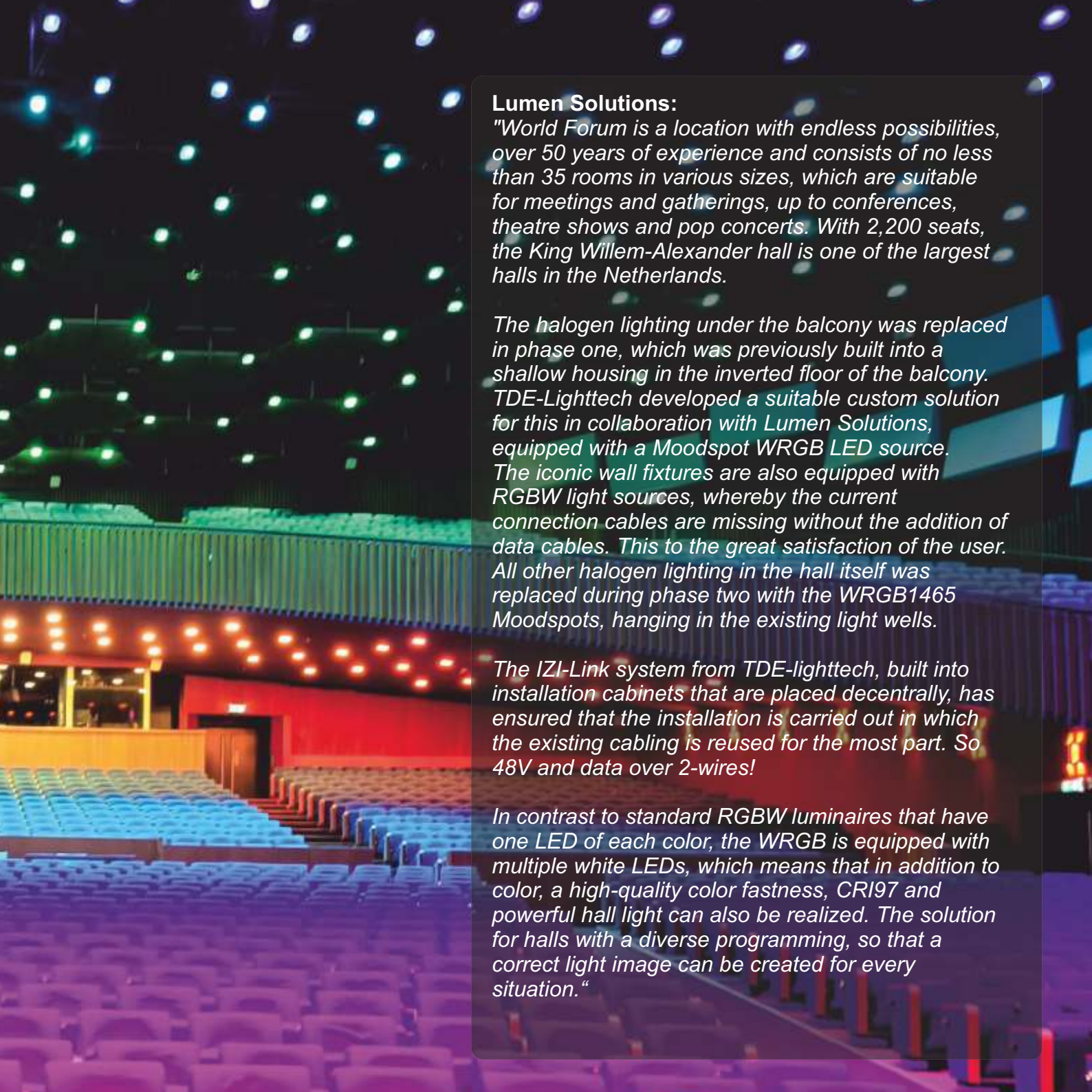
# World Forum

The Hague, Netherlands

Project realization:  
Lumen Solutions, Alphen aan den Rijn



- 417x Moodspot WRGB1465
- 16x IZI-Drive CC4 LED-driver
- 96x Castor RGBW LED-module
- 43x IZI-Link DMX-interface
- 43x Powersupply 480W/48V
- 6x IZI-Access gateway



### **Lumen Solutions:**

*"World Forum is a location with endless possibilities, over 50 years of experience and consists of no less than 35 rooms in various sizes, which are suitable for meetings and gatherings, up to conferences, theatre shows and pop concerts. With 2,200 seats, the King Willem-Alexander hall is one of the largest halls in the Netherlands.*

*The halogen lighting under the balcony was replaced in phase one, which was previously built into a shallow housing in the inverted floor of the balcony. TDE-Lighttech developed a suitable custom solution for this in collaboration with Lumen Solutions, equipped with a Moodspot WRGB LED source. The iconic wall fixtures are also equipped with RGBW light sources, whereby the current connection cables are missing without the addition of data cables. This to the great satisfaction of the user. All other halogen lighting in the hall itself was replaced during phase two with the WRGB1465 Moodspots, hanging in the existing light wells.*

*The IZI-Link system from TDE-lighttech, built into installation cabinets that are placed decentrally, has ensured that the installation is carried out in which the existing cabling is reused for the most part. So 48V and data over 2-wires!*

*In contrast to standard RGBW luminaires that have one LED of each color, the WRGB is equipped with multiple white LEDs, which means that in addition to color, a high-quality color fastness, CRI97 and powerful hall light can also be realized. The solution for halls with a diverse programming, so that a correct light image can be created for every situation."*



# De Doelen

Rotterdam, Netherlands

Project realization:  
Rolight Theatertechniek, Enschede



- 130x Moodspot WRGB1465
- 260x MiniMoodspot Wd800
- 130x IZI-Drive Cc2 LED-driver
- 20x Powersupply 480W/48V



### **Rolight:**

*"After a shoot-out in the spring of 2024, Rolight was able to reward itself with the assignment to replace the hall lighting in the exceptionally beautiful large concert hall of De Doelen in Rotterdam. The special request for this assignment was that 1 central RGBW fixture and two smaller fixtures had to be placed right next to each other in the 130 ceiling panels in order to maintain the typical appearance of the lighting.*

*In addition to the light output, there was a decisive requirement that the 3 fixtures placed next to each other have perfectly even dimming and light image. This was the main reason for Rolight to choose to use the TDE WRGB1465, supported by 2 TDE WD800. These spots are of course already known for their perfect dimming, but for Rolight the possibility to perfectly match the dimming curves in the fixtures was the most important option. This ultimately paid off, because during the shoot-out the perfect cooperation between the different fixtures was noticed and proved to be one of the decisive points for the award.*

*By adjusting the beam angle of the fixtures to the position, a beautiful, even light image was created without creating too much radiation on the walls. It was not included in the package of requirements, but the individual controllability of each fixture is of course a major extension of the functionality of the hall lighting for 'De Doelen'. This of course allows the desired light image to be created perfectly for every situation and the hall lighting can even be used for show effects. Rolight looks back on a particularly pleasant cooperation with all parties and can add this assignment to its list of successful projects."*



# Concertgebouw Brugge

Brugge, Belgium

Project realization:  
Controllux BVBA België & Inytium



- 148x Moodspot WD1830
- 670x Rigel Surfacemount spotlight & MiniMoodspot WD800
- 810x IZI-Drive CC2 LED-driver & IZI-Drive CC1 custom
- 45x IZI-Link DMX-Interface
- 6x IZI-Access gateway

The background image shows the interior of the Concertgebouw in Bruges. It features a large, dark, curved ceiling with numerous small, recessed spotlights. Below the ceiling, there are several tiers of seating, likely for an orchestra or choir, and a large, dark, curved structure that appears to be part of the stage or a large screen. The lighting is warm and focused, creating a dramatic atmosphere.

### **Controllux BVBA:**

*"The Concertgebouw in Bruges was looking for a lighting solution for three halls. Controllux, together with system integrator Inytium, took on the project with both hands.*

*The customer's wish was to realise this transition from halogen to LED lighting without any structural adjustments, and as inconspicuously as possible. We were able to meet their wishes by providing the existing pendant lamps with intelligent LED lighting from TDE and by mounting the new recessed spotlights in the existing holes.*

*Furthermore, we accurately imitate the colour gradient of the 'old' halogen lighting. In addition to a high colour rendering (CRI>90) and an even light image, the low glare ensures a qualitative, elegant and pleasant light image.*

*In total, Controllux supplied more than 900 TDE Moodspots (in, surface-mounted and pendant luminaires). The light can be switched via a simple wall switch or per spot, or flexibly controlled in groups of spots via DMX, so that the hall light can be programmed and operated with the existing theatre lighting control.*

*We are very proud of the result and wish the Concertgebouw Brugge a lot of fun and wonderful moments with the new lighting installation."*

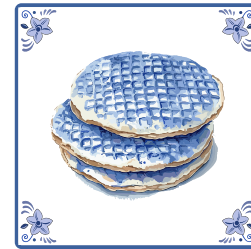


# INNOVATIVE MANUFACTURER

## DUTCH DESIGN MADE IN HOLLAND



TDE-lighttech is een innovatieve Nederlandse ontwikkelaar en producent van (maatwerk) LED-oplossingen met meer dan 35 jaar ervaring in de professionele verlichtingsindustrie. Met onze eigen R&D-ontwikkelings- en productiecapaciteit kunnen wij elke professionele klant bedienen.

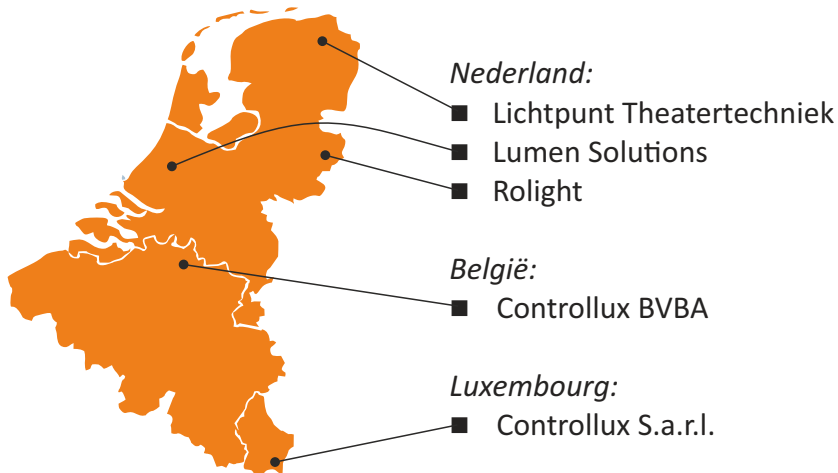


## BENELUX DEALER NETWORK

TDE-lighttech werkt voor theater-, museum- en architecturale projecten met een dealernetwerk waarmee we de afgelopen jaren vele projecten succesvol hebben opgeleverd.

Laat u inspireren en informeren over onze TDE verlichtingsoplossingen en neem contact op met uw lokale distributeur of bezoek onze website:

[www.tde-lighttech.com](http://www.tde-lighttech.com)



**TDE-lighttech**  
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Neem voor meer informatie contact  
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