

IVY

Designed by Stefano Boeri Interiors, IVY is the first 48V smart system for outdoor spaces that integrates itself with architecture and green spaces in an extremely natural and flexible way.

IVY transforms outdoor environments: spaces become cosy, relaxing, functional and usable both during the day and at night.





It is the ideal solution to light up terraces, pergolas, outside dining areas as well as historical porticos. Its flexibility and adaptability make it perfect for installation in existing buildings or structures or to be integrated into new constructions.




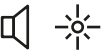




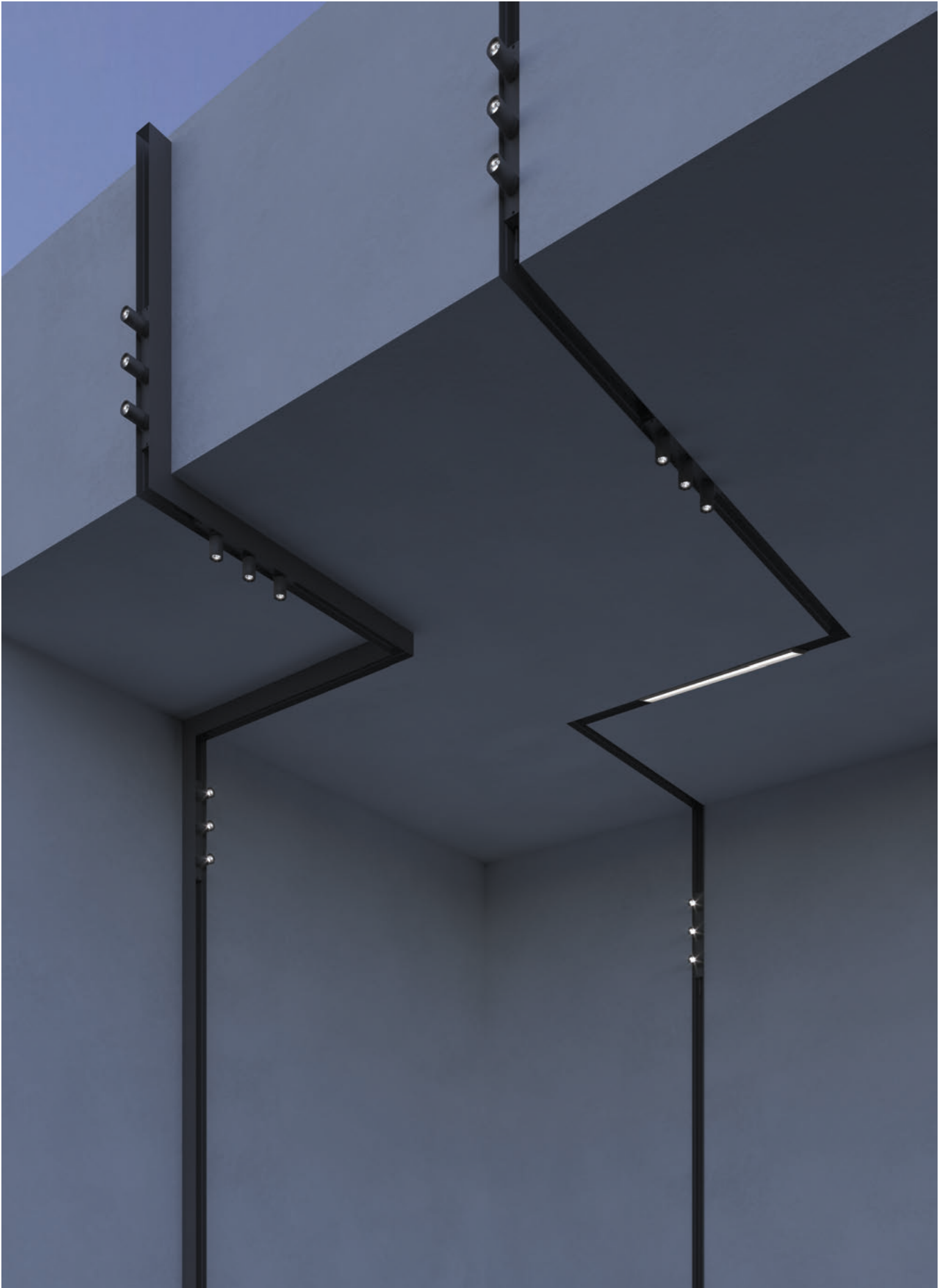
*"IVY erases the boundary
between indoor and outdoor by
defining a new way of spending
and sharing time outdoors"*

Stefano Boeri - Giorgio Donà
Stefano Boeri Interiors



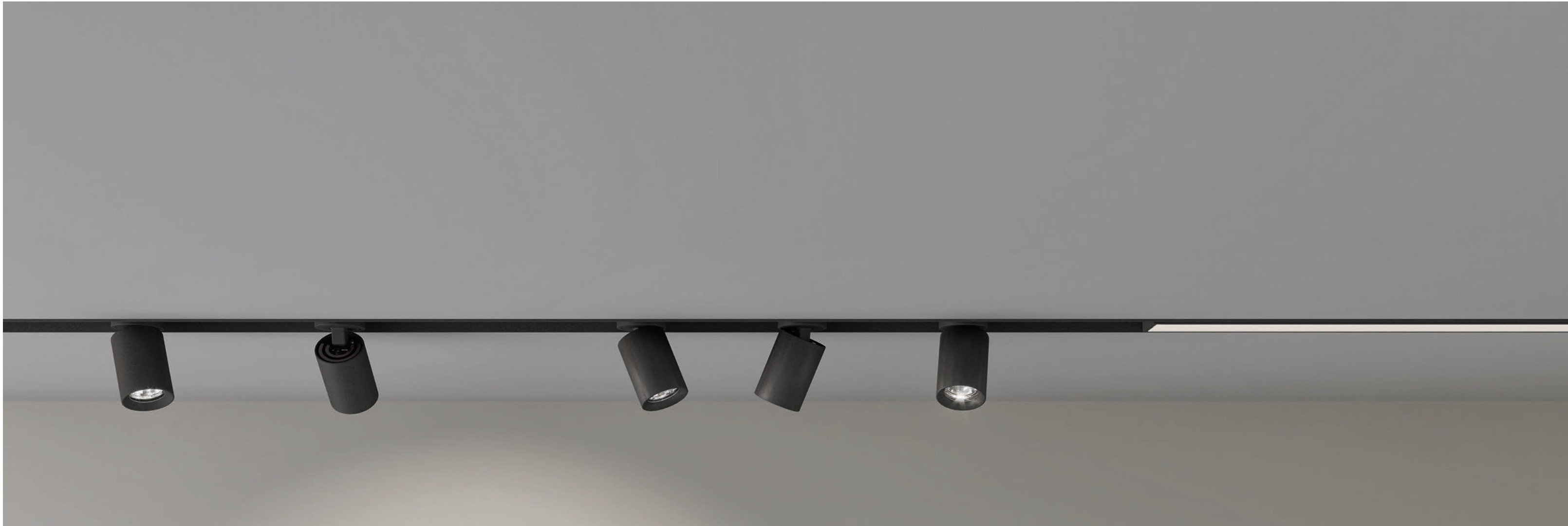
IVY is a multifunctional system that combines light points, audio speakers and sensors. The system is composed of an 7 cm extruded aluminium metal profile that can be used in various locations using different connectors for surface and recessed installation. Light units, speakers and wireless sensors can be installed on the profile at any point.

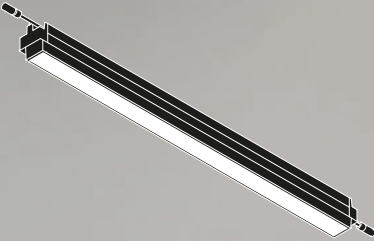

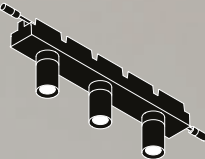

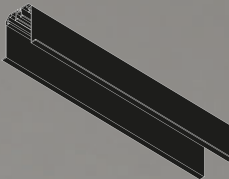

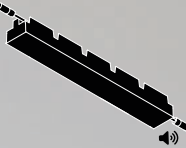

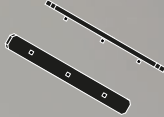


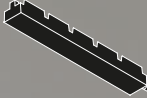
| | | | |
|---|---|---|--|
| <div>IP65</div> <div>The first IP65 intelligent system for outdoor applications and wet areas.</div> | <div></div> <div>Remote electronic power supply</div> <div>The flexibility of a 48V system in an outdoor environment</div> | <div></div> <div>Wall and ceiling recessed or surface installation</div> | <div></div> <div>Casambi Wireless control</div> <div>DALI control via DALI/Casambi Bridge</div> |
| <div></div> <div>Wireless sensors and speakers</div> | <div></div> <div>Linear, precise, focused and diffused lighting</div> | <div></div> <div>Available in white and ferrite painted finishes or anodized black</div> | |





IVY is also ideal for all wet areas such as swimming pools, spas and basements that require a high level of protection against moisture and water.



| Light units | | | Profiles | | |
|---|---|---|---|---|---|
| Linear | Projector | | Surface | Recessed | Cover |
|  |  |  |  |  |  |
| 885x68x60mm | 1x 148x135x60mm | 3x 442x135x60mm | 500/1000/2000/3000mm To be completed with special end caps | 500/1000/2000/3000mm To be completed with special end caps | 2000mm |
| Audio and Sensors | | | Joints Surface and Recessed | | |
| Audio Speaker | Motion/daylight sensor | | Linear joint | L planar joint | Remote driver |
|  |  | |  |  |  |
| 450x49x60mm | 148x135x60mm | | (Already included in the profile) | 150x150mm surface 160x160mm recessed | IP67 56W - 120W IP20 60W - 130W |
| | | | | 150x150mm surface 148x148mm recessed | Integrated driver |
| | | | | 150x150mm surface 150x150mm recessed |  |
| | | | | | 150W 90W |

System modules

PROFILES

The technical profile is made of extruded aluminium and is available in four different lengths for surface or recessed installation

Surface installation

Installation on materials such as concrete, wood and stone.

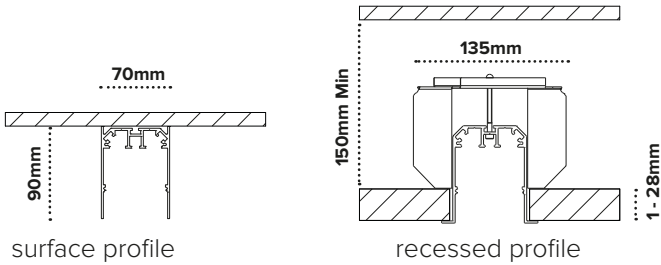
Recessed installation

Installation on materials such as plasterboard, wood or metal.

Mounting brackets are included with the profile and require a 135x150mm installation compartment.

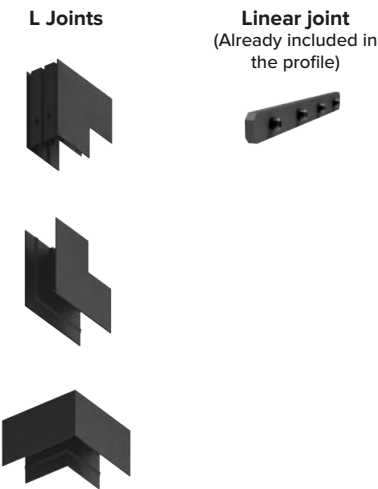
Lengths

- L 500mm
- L 1000mm
- L 2000mm
- L 3000mm



JOINTS

Thanks to linear connection joints the system can be made of various modular lengths and various forms and can be both wall and ceiling mounted. The concave and convex L shaped joints allow to create continuous installations from wall to ceiling both for recessed and surface versions.



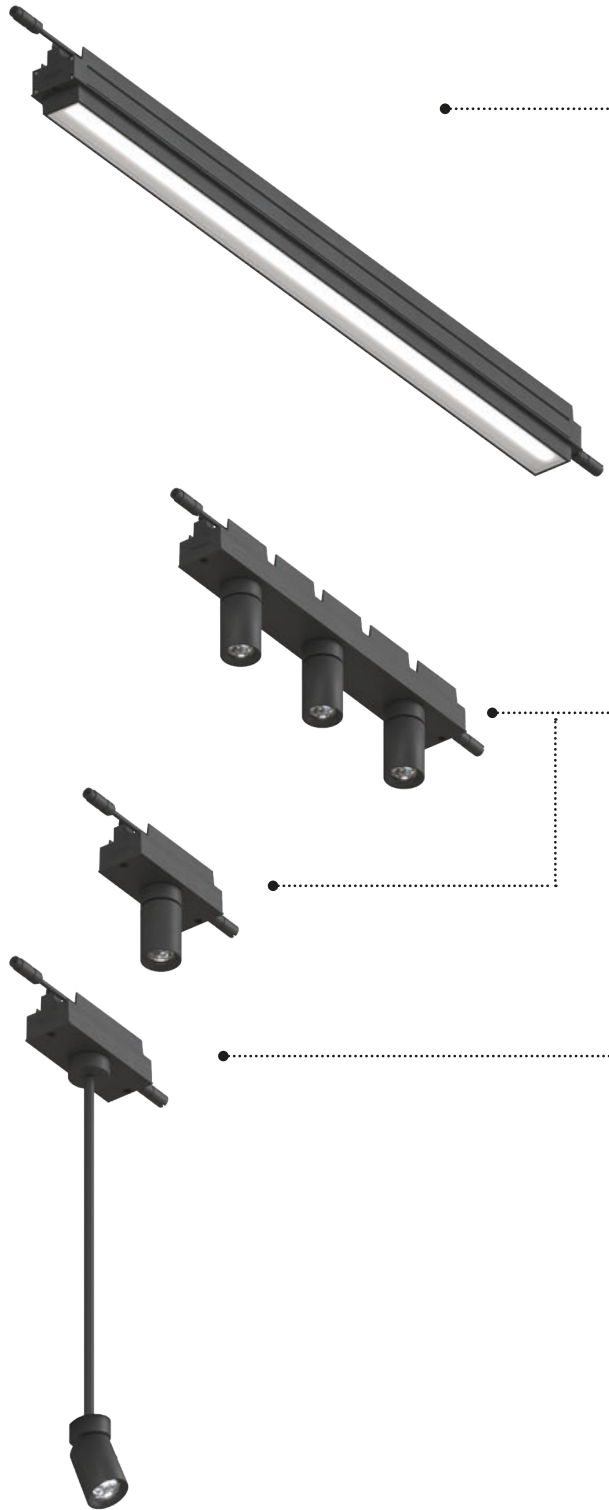
POWER SUPPLY

The power supply can be remote or on board such as:

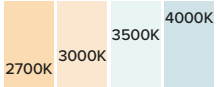
- ON-OFF
- Casambi with the possibility to manage switching on using a button or create and recall scenes via the App on a Smartphone and Tablet.
- DALI using the DALI-Casambi Bridge accessory

LIGHT UNITS

The different light modules can be fixed to any point on the profile to ensure maximum application flexibility.



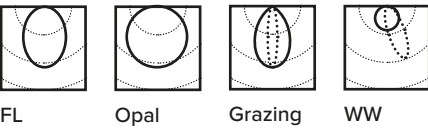
Colour temperature



Linear element

Depending on the chosen optics the linear is ideal to softly light an environment, wash a wall uniformly or create a focus on perimetral vegetation.

- L 900mm



Projectors

Adjustable
The ideal solution to create scenographic effects by focusing on elements: vegetation, tables in a restaurant or bar, a sculpture or an object.

Available with Narrow Spot (1x), Spot, Flood and Wide Flood optics.

The fixing base allows adjustability from 0° to 90° on the vertical plane and 355° on the horizontal plane.

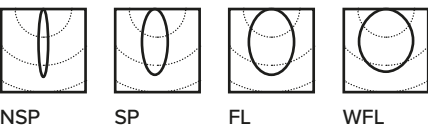
- L 150mm 1x

- L 450mm 3x

Stem mounted adjustable

The stem mounted modules allow to place the light as close as possible to the object to be lit. This solution moves the light 50cm below the profile. The stem mounted projector module is available in the 15cm version with Narrow Spot, Spot, Flood and Wide Flood optics.

- L 150mm 1x





On request

IVY is available on request in all colours of the “Easy Custom Colours” range. To see the Colour chart visit the Download section of the website.

Finishes available



Black Anodized



Ferrite



Plaster white

System configuration - electrical constraints

The number of light points and sensors that each circuit can be equipped with depends on the power of the driver and on the maximum length of the system connection cables.

150W max Power of each circuit connected to the driver.
The maximum number of elements that can be connected to the same circuit depends on the power of the driver. The driver can absorb a maximum of 150W. If necessary, the system can be powered by multiple drivers.

The following drivers are available as accessories:

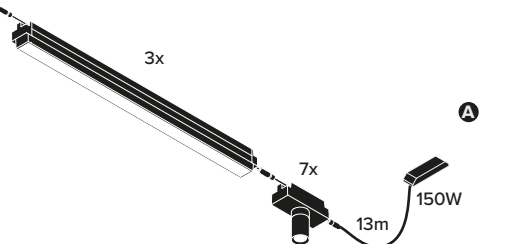
150W and 90W IP66 integrated drivers
130W and 60W IP20 remote drivers
120W and 56W IP67 remote drivers

13m is the maximum length of connections with a 150W integrated driver or 120W and 130W remote drivers
The calculation does not take into account the 30cm of in-out connections (15cm + 15cm) each product is equipped with.

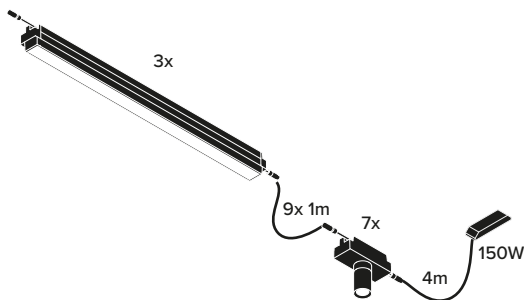
20m is the maximum length of connections with a 90W integrated driver and 56W or 60W remote drivers. The calculation does not take into account the 30cm of in-out connections (15cm + 15cm) each product is equipped with.

Feasibility examples of a circuit with 7 single projectors (7x7W) plus 3 linear (3x22W) Total 115W <150W

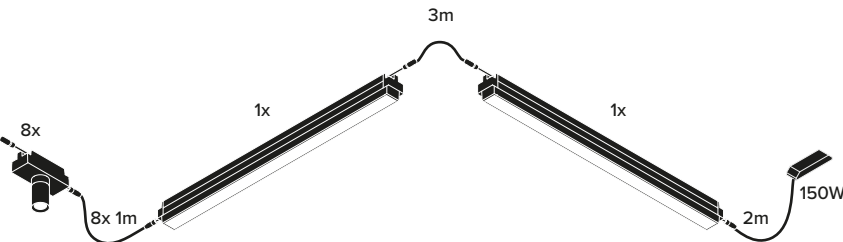
10 elements connected one after the other. Driver positioned 13 meters from the first product;



10 elements each spaced by connection cables of 1 meter in length for a total of 9, with the driver positioned 4 meters from the first product;



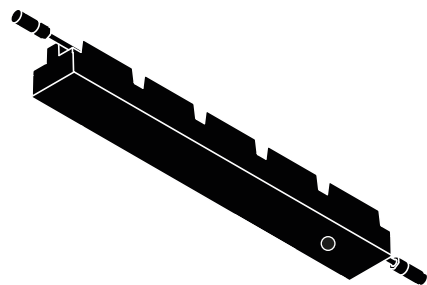
9 elements spaced each by connection cables of 1m in length for a total of 9 and 1 element spaced by a connection cable of 3 meters. Driver positioned 2 meters from the first product.





Audio Speaker: an immersive sound experience

IVY speakers are equipped with the highest quality technology developed by GLAUK, a leading company in the sector, making it possible to exploit the natural ability of any material to emit sounds to act like the sounding board of a musical instrument. Sounds are transmitted directly through the material the modules are made of, without any visible diffuser. Just like the other elements in the system, even the speaker modules are positioned directly inside the profile, hiding the music source from view.



Audio Performance
 Audio Frequency
 Range: 100HZ – 18KHz

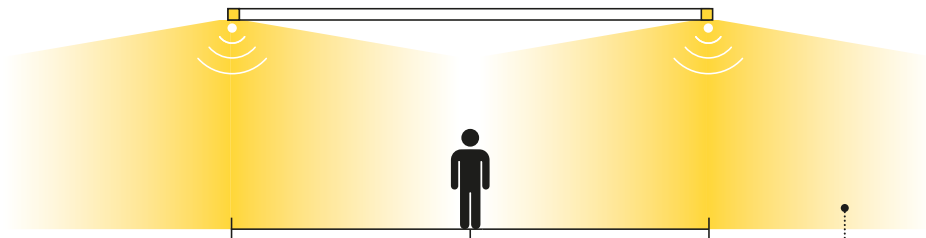
Audio Formats
 Playback compatible with standard audio file formats, music streaming services (Spotify, Amazon Music) and the radio.

Power supply
 48V
Consumption
 50W

Playback
 Playback control and Switch via Bluetooth and Wi-Fi

IVY speakers provide an immersive acoustic experience with omnidirectional sound transmission even at high and medium-high frequencies. The 360° emission makes perfect enjoyment of music possible. Traditional speakers emit directional sounds and for optimal listening it is necessary to position yourself in a specific point. With IVY speakers however the entire environment is pervaded by sound and perfect acoustics typical of theatre spaces are achieved .

Optimal acoustic performance

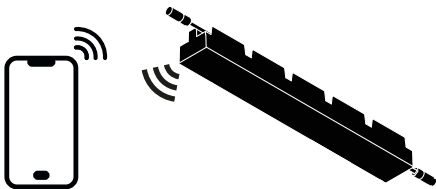


The best acoustic performance and sound diffusion of an IVY audio unit are detected in a 4 metre radius from the speaker. To maintain optimal sound uniformity between multiple modules the ideal installation distance between modules is 8m.

Smart Equalisation
 IVY speaker modules have two different equalisation modes to be selected according to the type of IVY profile installation. Selection is done using a capacitive button that generates an audible signal

Management and Setup

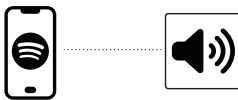
The IVY audio system is powered by the same 48V line as the light modules. It is managed via the special 4STREAM App that is compatible with iOS and Android.



- Setup**
 - 4STREAM App compatible with IOS and Android
 - Speaker Setup and Pairing: Wi-Fi
 - Wi-Fi 2.4GHz or 5GHz
 - Maximum distance 80m



Mode 1 - Single management
 The device is connected to just one speaker module.



Mode 2 - Multiple management
 The device is connected to 2 or more speaker modules. It is possible to playback audio in mono mode (L/R) or stereo mode (L and R separated) for an immersive experience.



Mode 3 - Independent management
 The device is able to manage audio from different apps and playback sound on different speaker modules.



Sensors

The IVY system can be equipped with two types of sensors positioned inside the same 1x projector profile

- light sensor
- motion sensor

aesthetically they look exactly like the 1x projector. They have in-out connectors that allow for quick connection and use the same 48V power supply as the light modules



DAYLIGHT SENSOR

Daylight sensors make it possible to detect the amount of light present in the environment and manage the artificial lighting according to the predefined settings on the Casambi APP.



MOTION SENSOR

The motion sensor detects the presence of people and turns the lighting system on and off based on the settings selected.

It is managed via the Casambi app.

- 80° cone for a distance of 5 metres
- An area of 7x7m with the projector installed at a height of 3m



The fixing base allows for adjustability from 0° to 90° on the vertical plane and 355° on the horizontal plane, so the sensor can be oriented where it is needed.



Power supply

48V

Consumption

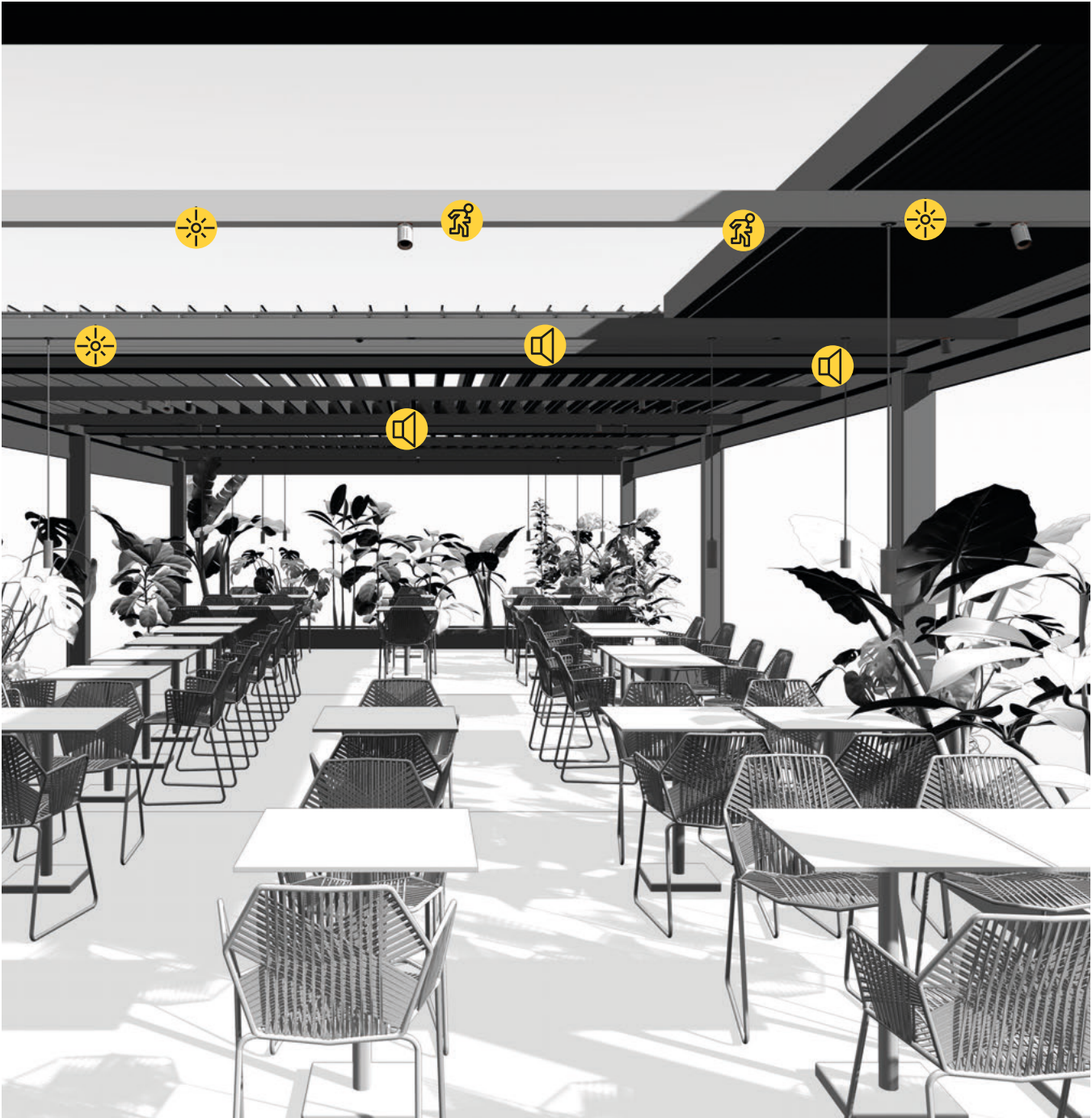
3W



Wireless control via the Casambi app



Available in white and ferrite painted finishes or anodized black



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