

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.

#### IP65

The first IP65 intelligent system for outdoor applications and wet areas.



Remote electronic power supply

The flexibility of a 48V system in an outdoor environment

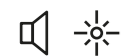


Wall and ceiling recessed or surface installation



Casambi Wireless control

DALI control via DALI/Casambi Bridge



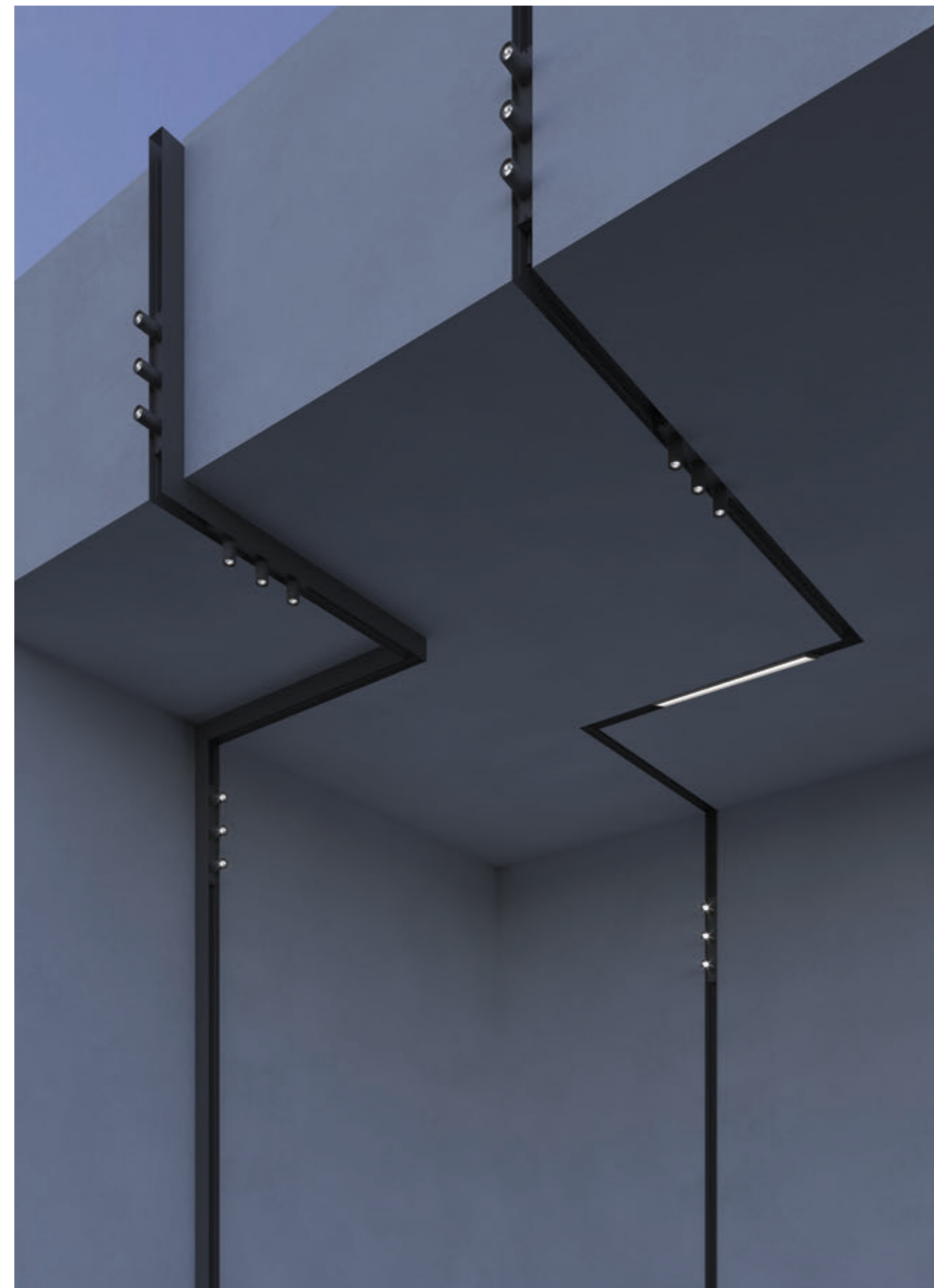
Wireless sensors and speakers



Linear, precise, focused and diffused lighting

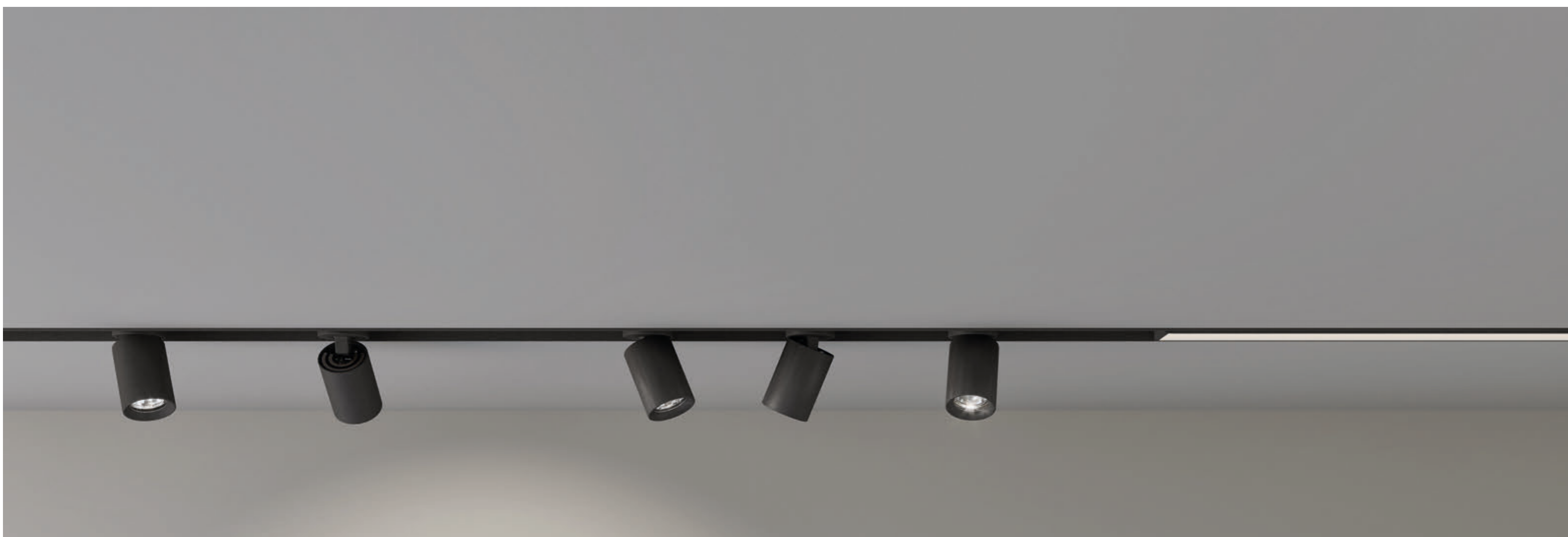


Available in white and ferrite painted finishes or anodized black



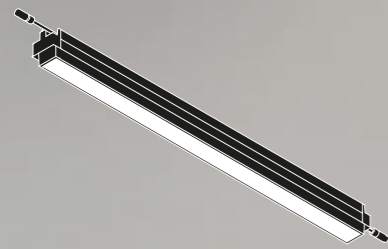


IVY is also ideal for all wet areas such as swimming pools, spas and basements that require a high level of protection against moisture and water.



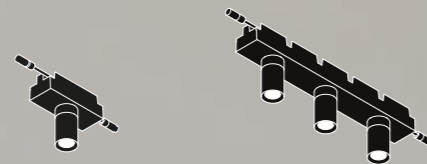
## Light units

### Linear



885x68x60mm

### Projector



1x  
148x135x60mm

3x  
442x135x60mm

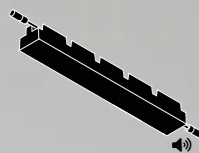
### Stem mounted projectors



1x  
148x652x60mm

## Audio and Sensors

### Audio Speaker



450x49x60mm

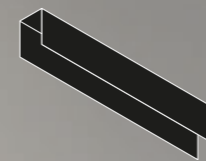
### Motion/daylight sensor



148x135x60mm

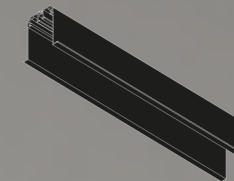
## Profiles

### Surface



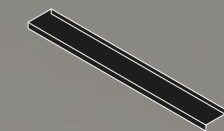
500/1000/2000/3000mm  
To be completed with special end caps

### Recessed



500/1000/2000/3000mm  
To be completed with special end caps

### Cover



2000mm

## Joints | Surface and Recessed

### Linear joint



(Already included in the profile)

### L planar joint



150x150mm surface  
160x160mm recessed

### L concave joint



150x150mm surface  
148x148mm recessed

### L convex joint



150x150mm surface  
150x150mm recessed

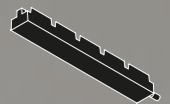
## Power Supply

### Remote driver



IP67 56W - 120W  
IP20 60W - 130W

### Integrated driver



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

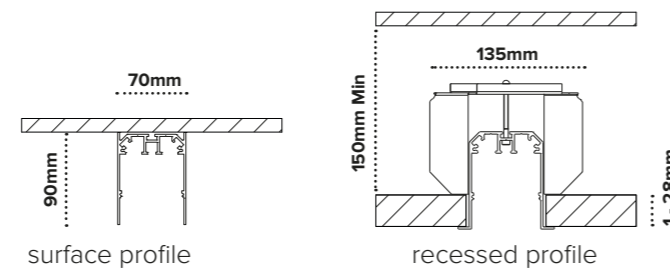
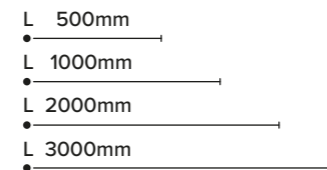
Installation on materials such as concrete, wood and stone.

#### Recessed installation

Installation on materials such as plasterboard, wood or metal.

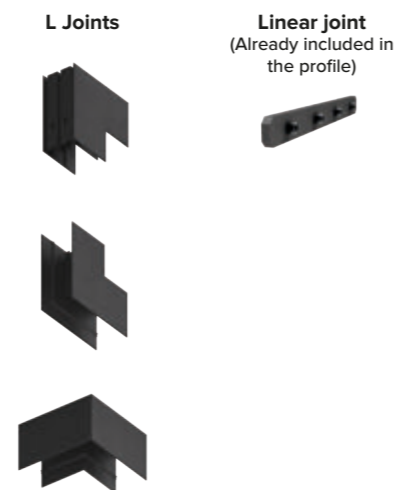
Mounting brackets are included with the profile and require a 135x150mm installation compartment.

#### Lengths



### 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.



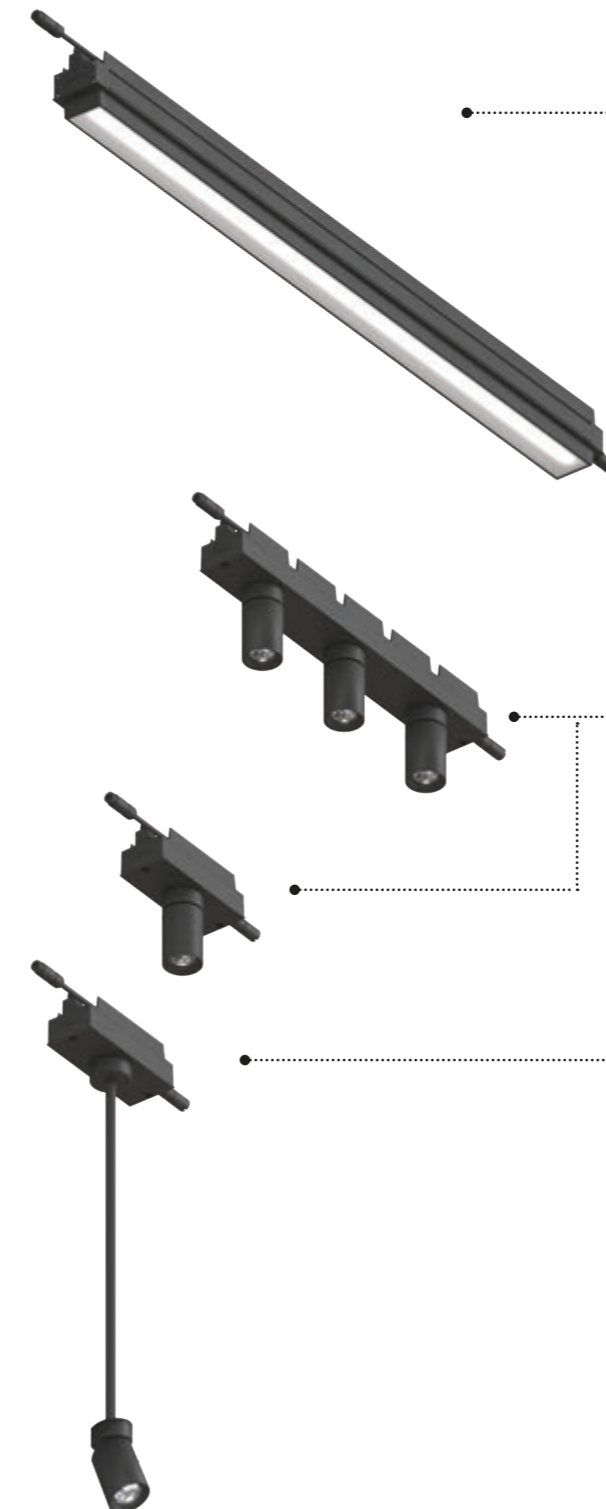
### POWER SUPPLY

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

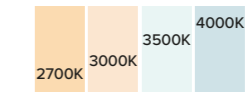
- ON-OFF
- Casambi with the possibility to manage switching on using a button or create and recall scenes via the App on a Smartphone and Tablet.
- DALI using the DALI-Casambi Bridge accessory

### LIGHT UNITS

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



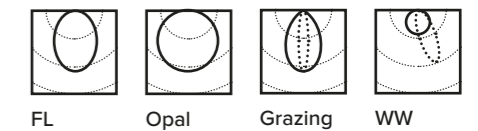
#### Colour temperature



#### 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.

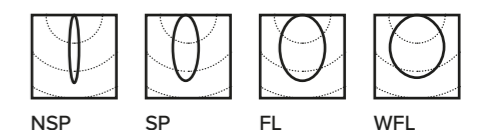
The fixing base allows adjustability from 0° to 90° on the vertical plane and 355° on the horizontal plane.

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:

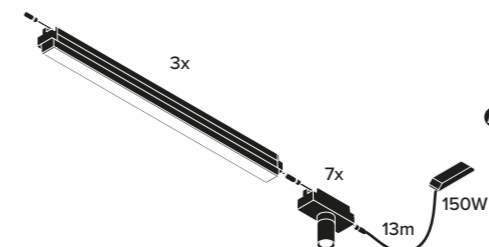
150W and 90W IP66 integrated drivers  
130W and 60W IP20 remote drivers  
120W and 56W IP67 remote drivers

**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.

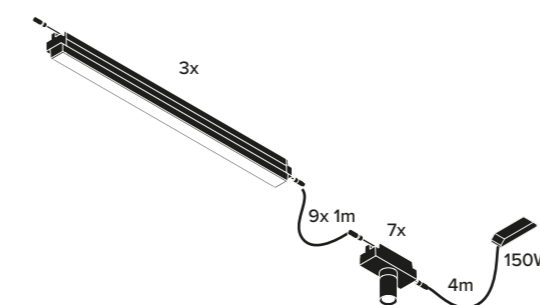
**20m is the maximum length of connections with a 90W integrated driver and 56W or 60W remote drivers.** The calculation does not take into account the 30cm of in-out connections (15cm + 15cm) each product is equipped with.

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

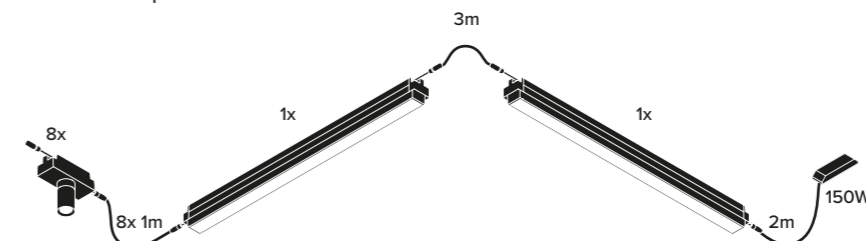
10 elements connected one after the other. Driver positioned 13 meters from the first product;



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.

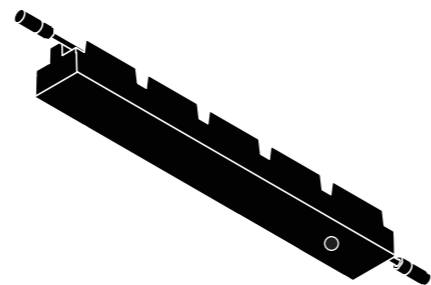




## Audio Speaker: an immersive sound experience

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

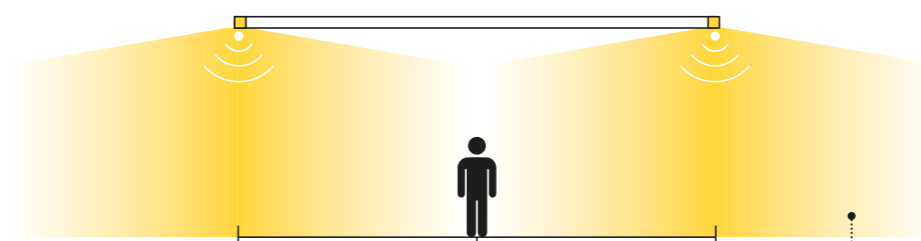
Playback control and Switch via Bluetooth and Wi-Fi

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



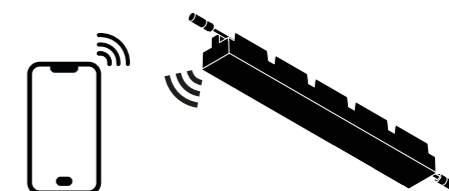
### Smart Equalisation

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

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.

## 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

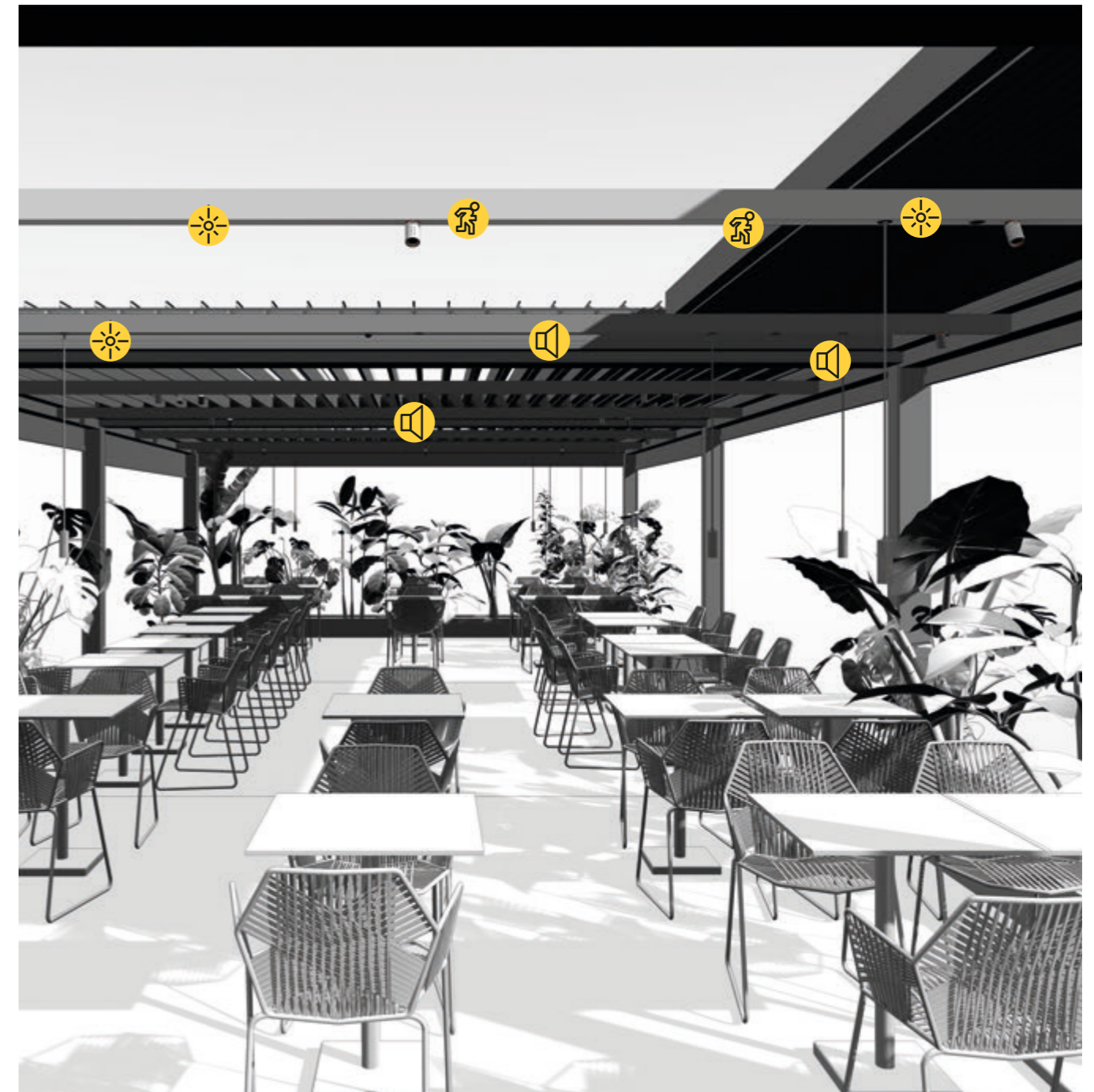
3W









Wireless control via the Casambi app




Available in white and ferrite painted finishes or anodized black







Profiles

Installation	Colour	Length 50cm	Length 100cm	Length 200cm	Length 300cm	End-caps (2pcs)
 Surface 65 x 88mm		1E4155	1E4156	1E4157	1E4158	1E4168
		1E4228	1E4229	1E4230	1E4231	1E4234
		1E4151	1E4152	1E4153	1E4154	1E4167
 Recessed 85 x 86mm		1E4159	1E4160	1E4161	1E4162	1E4258

Cover 2000mm

Colour	Code
	1E4170

Joints

Installation	Colour	L Planar	L Concave	L Convex
Surface		1E4176	1E4177	1E4178
		1E4236	1E4237	1E4238
		1E4172	1E4173	1E4174
Recessed		1E4259	1E4260	1E4261

Power supply

	Colour	Code
<b>New</b> Integrated Box Driver   220-240V   150W   Class II   IP65   450x49x60mm		1E4175
<b>New</b> Integrated Box Driver   220-240V   90W   Class II   IP65   450x49x60mm		1E4169
Remote driver*   220-240V   56W   IP67   225x51x65mm		1E2320
Remote driver*   220-240V   120W   IP67   225x51x65mm		1E2321
<b>New</b> Remote driver* 48V   220-240V   60W   IP20   225x36x60mm		1T6917EL
<b>New</b> Remote driver* 48V   220-240V   130W   IP20   240x49x60mm		1T6916EL





\*To be completed with 1E4184

Feeding accessories




<b>New</b> Connection cable   Length 500mm   IP65	1E4270
Connection cable   Length 1000mm   IP65	1E4181
Connection cable   Length 2000mm   IP65	1E4182
Connection cable   Length 3000mm   IP65	1E4183
Male female connectors kit 24/48V (for remote driver and connections>3000mm)   IP65	1E4184
Linear connection box IP66/IP68   5 poles	1E2769

• The drivers selected by Targetti make the fixtures "Safe Flicker".

Audio and sensories



	Coloure	Code
<b>New</b> Audio Speaker Master Module   max 50W   450x49x60mm		1E4262
		1E4186
<b>New</b> People sensor/daylight sensor   3W   148x135x60mm		1E4235
		1E4272














Accessories

	Coloure	Code
<b>New</b> Suspension kit   Length 2000mm   For indoor use only		2T0049
		2T0048EL
<b>New</b> Power supply kit   Max 0,6kW   For indoor use only		1T5905EL
		1T5906EL
<b>New</b> Bridge Casambi/DALI IP20		1T8173CA
Connection box IP68 for Bridge DALI/Casambi   5 poles		1E3184
Microscrewdriver with hexagonal head		1E4171

Single Projector

Ra90 | Fixture flux 3000K from 220lm to 623lm

148x135x60mm  

	Fixture Power	Optic	Colour	Driver	2700K	3000K	3500K	4000K
	<b>New</b> 4.2W	NSP		EL	1E4273EL	1E4274EL	1E4275EL	1E4276EL
				Casambi	1E4273CA	1E4274CA	1E4275CA	1E4276CA
				EL	1E4281EL	1E4282EL	1E4283EL	1E4284EL
				Casambi	1E4281CA	1E4282CA	1E4283CA	1E4284CA
				EL	1E4277EL	1E4278EL	1E4279EL	1E4280EL
				Casambi	1E4277CA	1E4278CA	1E4279CA	1E4280CA
	7W	SP		EL	1E4075EL	1E4078EL	1E4081EL	1E4084EL
				Casambi	1E4075CA	1E4078CA	1E4081CA	1E4084CA
				EL	1E4192EL	1E4195EL	1E4198EL	1E4201EL
				Casambi	1E4192CA	1E4195CA	1E4198CA	1E4201CA
				EL	1E4063EL	1E4066EL	1E4069EL	1E4072EL
				Casambi	1E4063CA	1E4066CA	1E4069CA	1E4072CA
7W	FL		EL	1E4076EL	1E4079EL	1E4082EL	1E4085EL	
			Casambi	1E4076CA	1E4079CA	1E4082CA	1E4085CA	
			EL	1E4193EL	1E4196EL	1E4199EL	1E4202EL	
			Casambi	1E4193CA	1E4196CA	1E4199CA	1E4202CA	
			EL	1E4064EL	1E4067EL	1E4070EL	1E4073EL	
			Casambi	1E4064CA	1E4067CA	1E4070CA	1E4073CA	
7W	WFL		EL	1E4077EL	1E4080EL	1E4083EL	1E4086EL	
			Casambi	1E4077CA	1E4080CA	1E4083CA	1E4086CA	
			EL	1E4194EL	1E4197EL	1E4200EL	1E4203EL	
			Casambi	1E4194CA	1E4197CA	1E4200CA	1E4203CA	
			EL	1E4065EL	1E4068EL	1E4071EL	1E4074EL	
			Casambi	1E4065CA	1E4068CA	1E4071CA	1E4074CA	

# IVY

## Codes

### Multiple Projector

Ra90 | Fixture flux 3000K from 1584lm to 1869lm

442x135x60mm



Fixture Power	Optic	Colour	Driver	2700K	3000K	3500K	4000K
3x7W	SP	●	EL	1E4123EL	1E4126EL	1E4129EL	1E4132EL
			Casambi	1E4123CA	1E4126CA	1E4129CA	1E4132CA
		○	EL	1E4216EL	1E4219EL	1E4222EL	1E4225EL
			Casambi	1E4216CA	1E4219CA	1E4222CA	1E4225CA
		●	EL	1E4111EL	1E4114EL	1E4117EL	1E4120EL
			Casambi	1E4111CA	1E4114CA	1E4117CA	1E4120CA
3x7W	FL	●	EL	1E4124EL	1E4127EL	1E4130EL	1E4133EL
			Casambi	1E4124CA	1E4127CA	1E4130DA	1E4133CA
		○	EL	1E4217EL	1E4220EL	1E4223EL	1E4226EL
			Casambi	1E4217CA	1E4220CA	1E4223DA	1E4226CA
		●	EL	1E4112EL	1E4115EL	1E4118EL	1E4121EL
			Casambi	1E4112CA	1E4115CA	1E4118DA	1E4121CA
3x7W	WFL	●	EL	1E4125EL	1E4128EL	1E4131EL	1E4134EL
			Casambi	1E4125CA	1E4128CA	1E4131CA	1E4134CA
		○	EL	1E4218EL	1E4221EL	1E4224EL	1E4227EL
			Casambi	1E4218CA	1E4221CA	1E4224CA	1E4227CA
		●	EL	1E4113EL	1E4116EL	1E4119EL	1E4122EL
			Casambi	1E4113CA	1E4116CA	1E4119CA	1E4122CA



### Linear Module

Ra90 | Fixture flux 3000K from 1935lm to 2441lm

885x68x60mm



Fixture Power	Optic	Colour	Driver	2700K	3000K	3500K	4000K
22W	Grazing	●	EL	1E4135EL	1E4139EL	1E4143EL	1E4147EL
			Casambi	1E4135CA	1E4139CA	1E4143CA	1E4147CA
	Wall Washer	●	EL	1E4137EL	1E4141EL	1E4145EL	1E4149EL
			Casambi	1E4137CA	1E4141CA	1E4145CA	1E4149CA
	Opal	●	EL	1E4138EL	1E4142EL	1E4146EL	1E4150EL
			Casambi	1E4138CA	1E4142CA	1E4146CA	1E4150CA
	FL	●	EL	1E4136EL	1E4140EL	1E4144EL	1E4148EL
			Casambi	1E4136CA	1E4140CA	1E4144CA	1E4148CA



# IVY

## Codes

### Stem Mounted Projector

Ra90 | Stem 500mm | Fixture flux 3000K from 220lm to 623lm

148x652x60mm



Fixture Power	Optic	Colour	Driver	2700K	3000K	3500K	4000K		
4.2W <i>New</i>	NSP	●	EL	1E4285EL	1E4286EL	1E4287EL	1E4288EL		
			Casambi	1E4285CA	1E4286CA	1E4287CA	1E4288CA		
		○	EL	1E4293EL	1E4294EL	1E4295EL	1E4296EL		
			Casambi	1E4293CA	1E4294CA	1E4295CA	1E4296CA		
		●	EL	1E4289EL	1E4290EL	1E4291EL	1E4292EL		
			Casambi	1E4289CA	1E4290CA	1E4291CA	1E4292CA		
		7W	SP	●	EL	1E4099EL	1E4102EL	1E4105EL	1E4108EL
					Casambi	1E4099CA	1E4102CA	1E4105CA	1E4108CA
				○	EL	1E4204EL	1E4207EL	1E4210EL	1E4213EL
					Casambi	1E4204CA	1E4207CA	1E4210CA	1E4213CA
				●	EL	1E4087EL	1E4090EL	1E4093EL	1E4096EL
					Casambi	1E4087CA	1E4090CA	1E4093CA	1E4096CA
7W	FL	●	EL	1E4100EL	1E4103EL	1E4106EL	1E4109EL		
			Casambi	1E4100CA	1E4103CA	1E4106CA	1E4109CA		
		○	EL	1E4205EL	1E4208EL	1E4211EL	1E4214EL		
			Casambi	1E4205CA	1E4208CA	1E4211CA	1E4214CA		
		●	EL	1E4088EL	1E4091EL	1E4094EL	1E4097EL		
			Casambi	1E4088CA	1E4091CA	1E4094CA	1E4097CA		
7W	WFL	●	EL	1E4101EL	1E4104EL	1E4107EL	1E4110EL		
			Casambi	1E4101CA	1E4104CA	1E4107CA	1E4110CA		
		○	EL	1E4206EL	1E4209EL	1E4212EL	1E4215EL		
			Casambi	1E4206CA	1E4209CA	1E4212CA	1E4215CA		
		●	EL	1E4089EL	1E4092EL	1E4095EL	1E4098EL		
			Casambi	1E4089CA	1E4092CA	1E4095CA	1E4098CA		



**Targetti Sankey S.r.l.**

Via Pratese 164  
50145 Firenze, Italia

Phone 055 37911  
Fax 055 3791 266  
targetti@targetti.com  
www.targetti.com

Customer Care  
customer@targetti.com

Customer Service  
technical@targetti.com

Lighting Consulting  
project@targetti.com

**Graphic design**  
Marketing division

**TARGETTI**