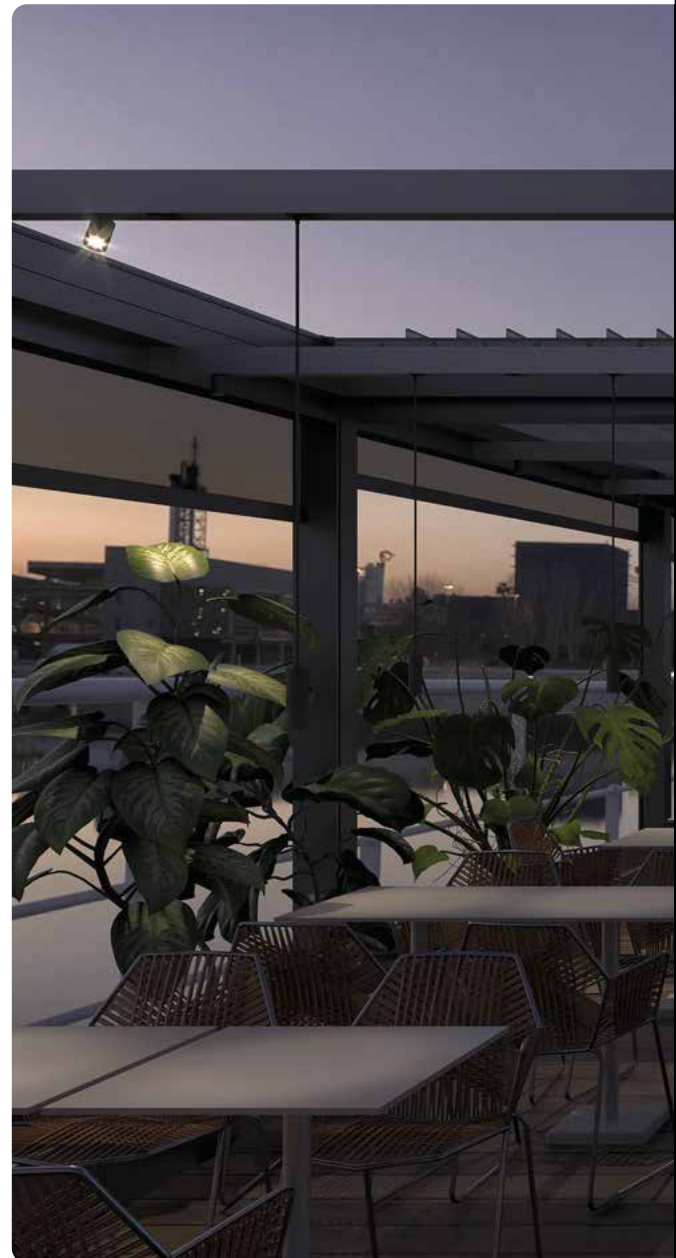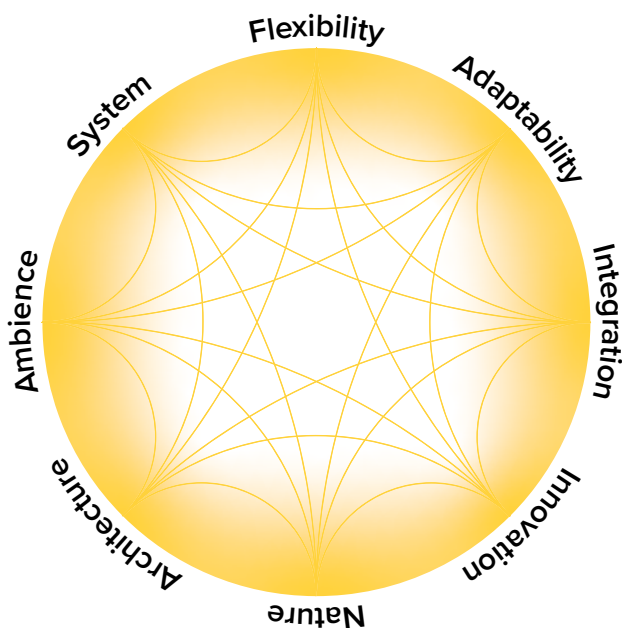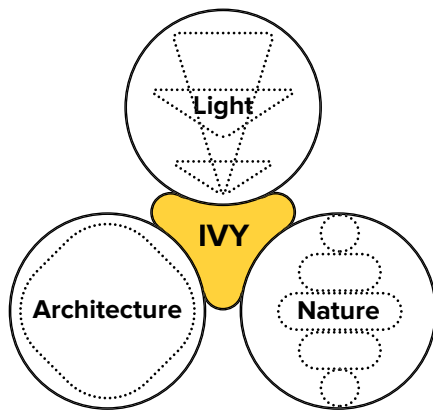# T23
NEWS

IVY

IVY SYSTEM

Designed by <u>Stefano Boeri Interiors,</u> 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.
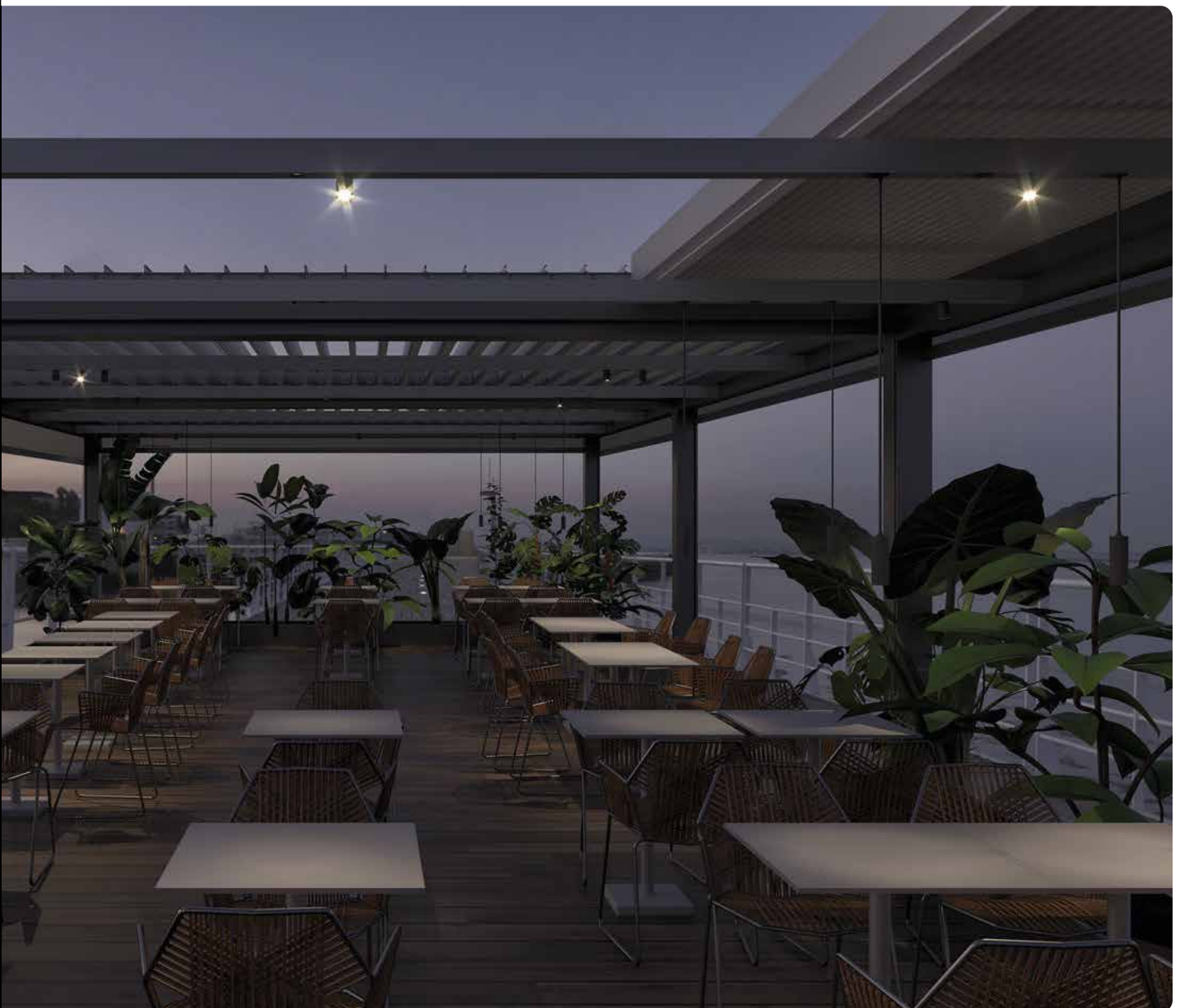
IVY is the new generation lighting for outdoor and indoor spaces. The common denominator of Architecture, Light and Nature

Light

IVY

Architecture

Nature

Flexibility

System

Adaptability

Ambience

Integration

Architecture

Innovation

Nature

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 SYSTEM

Adorns, illuminates, monitors

IVY favors the use of environment and social function. A linear, minimal element that integrates discreetly into spaces concealing a highly technological system that combines lighting fixtures with speakers and wireless sensors.

IP65

First IP65 intelligent system for outdoor applications and wet areas.

Light units

Speaker

Air quality amd temperature sensors

Light sensors

Remote lighting scenarios

The system is composed of an extruded aluminium metal profile for surface and recessed installation. Various elements are installed into the profile: the light units, speakers and wireless sensors.

Targetti

The flexibility of a 48V system in an outdoor environment

Remote electronic power supply

Wall and ceiling installation

Casambi Wireless control

DALI control via DALI/Casambi Bridge

Wireless sensors and speakers

Linear, precise, focused and diffused lighting

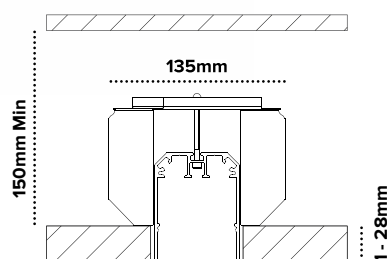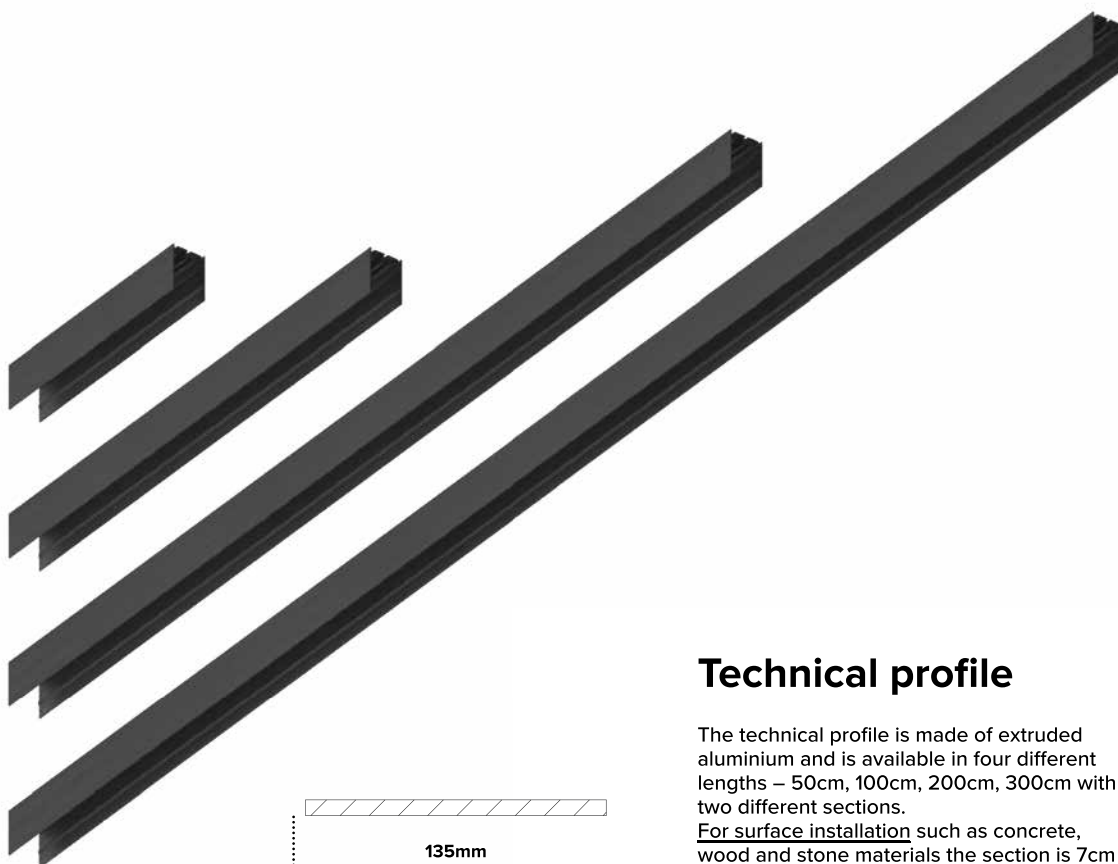Available in white and ferrite painted finishes or anodized black

IVY SYSTEM

System modules

4

Profile lengths

50cm ....

100cm ....

200cm ....

300cm ....

Technical profile

The technical profile is made of extruded aluminium and is available in four different lengths – 50cm, 100cm, 200cm, 300cm with two different sections.
For surface installation such as concrete, wood and stone materials the section is 7cm width and 9cm thickness.
For recessed installation 9cm deep for materials such as plasterboard, wood or metal.
Mounting brackets are included with the profile.

135mm

150mm Min

1 - 28mm

4

Connection Joints type

L Joints

Linear joint
(Already integrated)

Connection 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.

Targetti

Light units

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

LED Ra90

Colour temperatures
2700K
3000K
3500K
4000K

Linear element
Depending on the chosen optics the linear is ideal to softly light an environment, to wash uniformly a wall or to create a focus on perimetral vegetation. The 90cm module is equipped with LED boards within Flood, Opal, Grazing and Wall Washer optics.

Adjustable projectors
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.

Projectors are housed in two different lenghts modules, the 15cm module can host a single projector while the 45cm one can host three projectors.
The fixing base allows the adjustability from 0° to 90° on vertical plane and 355° on horizontal plane.

Stem mounted adjustable projectors
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 and it is available in the 15cm module version with Narrow Spot, Spot, Flood and Wide Flood optics.
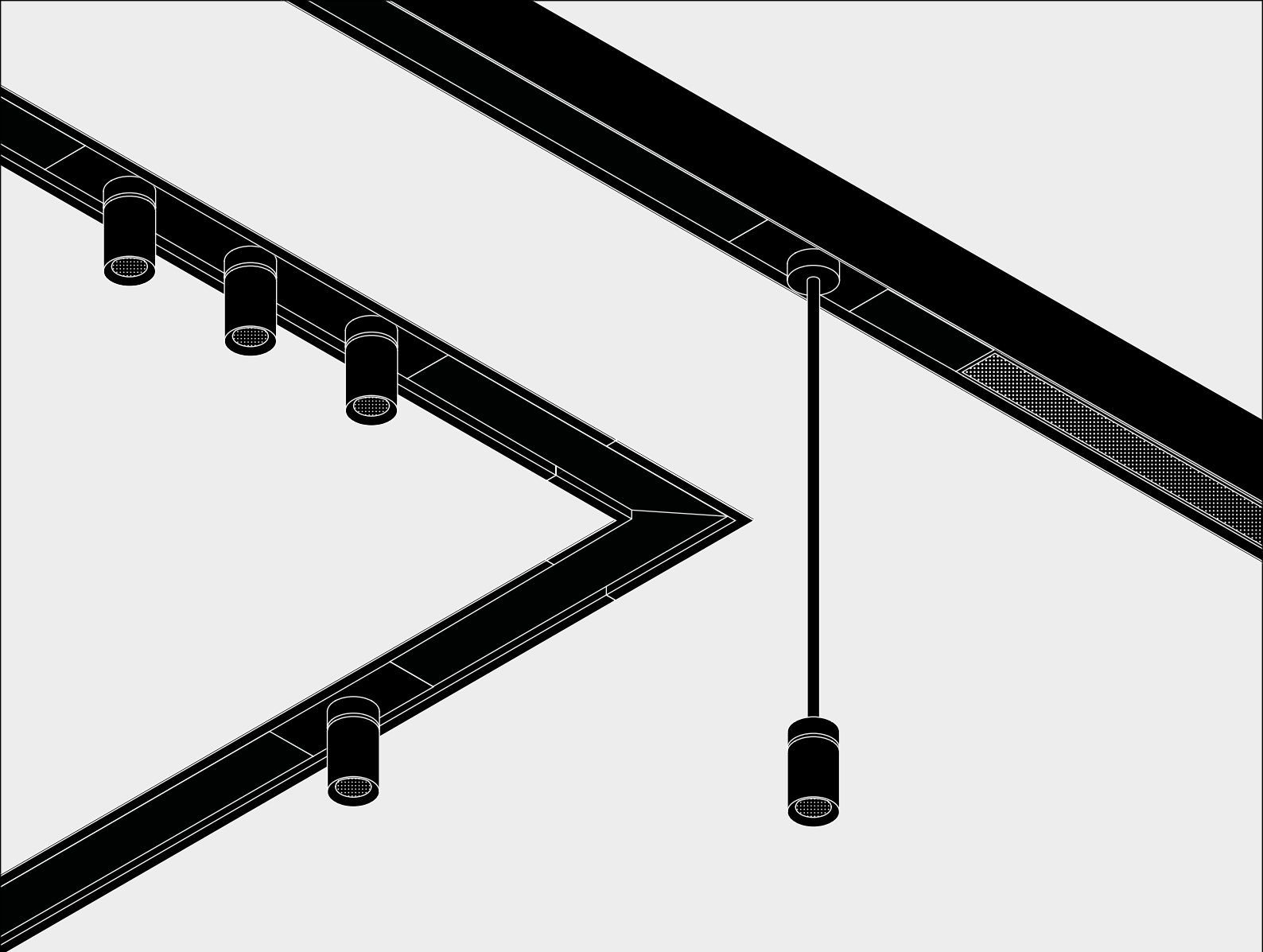
Power supply

Electronic with power
ON — OFF

Casambi with the possibility to dim the fixtures using a push button as well as creating and recalling light scenarios using the App on Smartphones and Tablets.
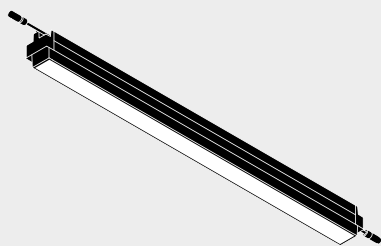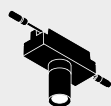
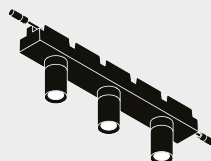DALI   Using Bridge DALI- Casambi accessory

Light units

Linear light

885x68x60mm

Adjustable projector

1x
148x135x60mm

3x
442x135x60mm

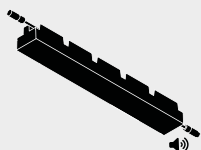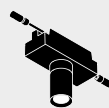### Stem mounted adjustable projectors

1x
148x652x60mm
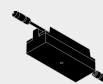
Audio and Sensors

Audio Speaker

450x49x60mm

People sensor/ daylight sensor

148x135x60mm

Sensor OAQ

148x49x60mm

Design Constraints

The constraints on the number of light points and sensors to be provided for each circuit are given by the power absorbed by the driver and by the maximum length of the system connection cables.

150W
**Power max
for each circuit**

The maximum number of elements connected to the same circuit is given by the power of the driver. The driver can absorb a maximum of 150W. If necessary, the system can be powered by multiple drivers.

13m
Maximum length of connections with 150W integrated driver or 120W and 130W remote driver

20m
Maximum length of connections with 90W integrated driver and 56W or 60W remote driver.

The maximum length of the cables per each circuit must not exceed 13 meters, already net of the 30cm of in-out connections (15cm + 15cm) supplied for each product.

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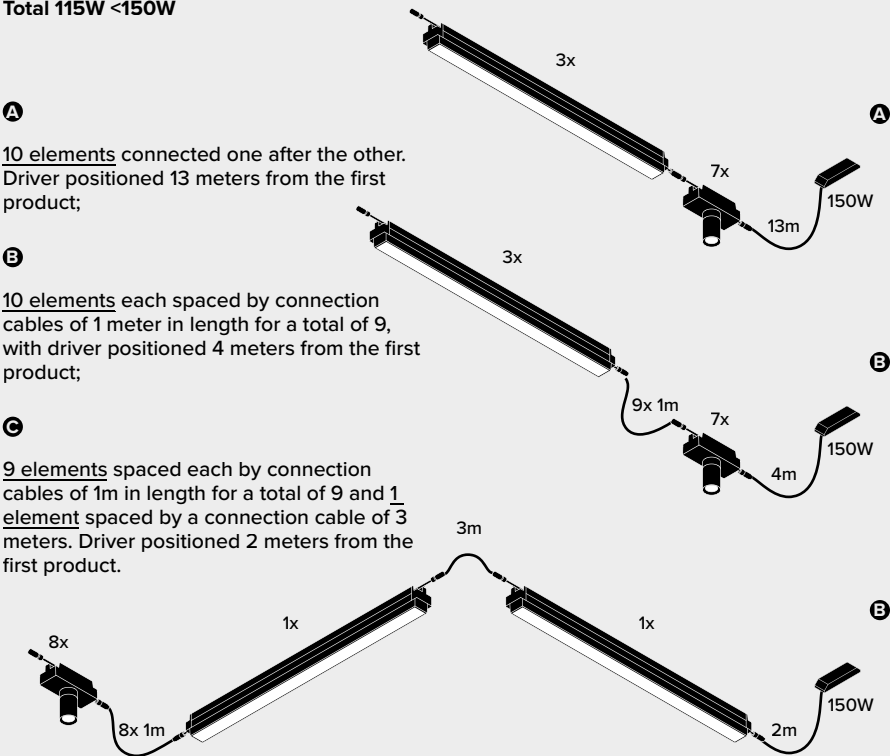
Ⓐ

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 driver positioned 4 meters from the first product;
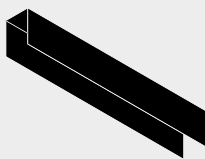
Ⓒ

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.
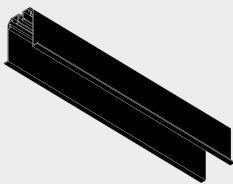

Profiles

Surface

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

Recessed

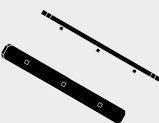500/1000/2000/3000mm
To be completed with special end caps

Cover

2000mm

Joints | Surface and Recessed

Linear joint	L planar joint	L concave joint	L convex joint
(Already integrated)	150x150mm surface 160x160mm recessed	150x150mm surface 148x148mm recessed	150x150mm surface 150x150mm recessed

Power Supply

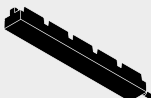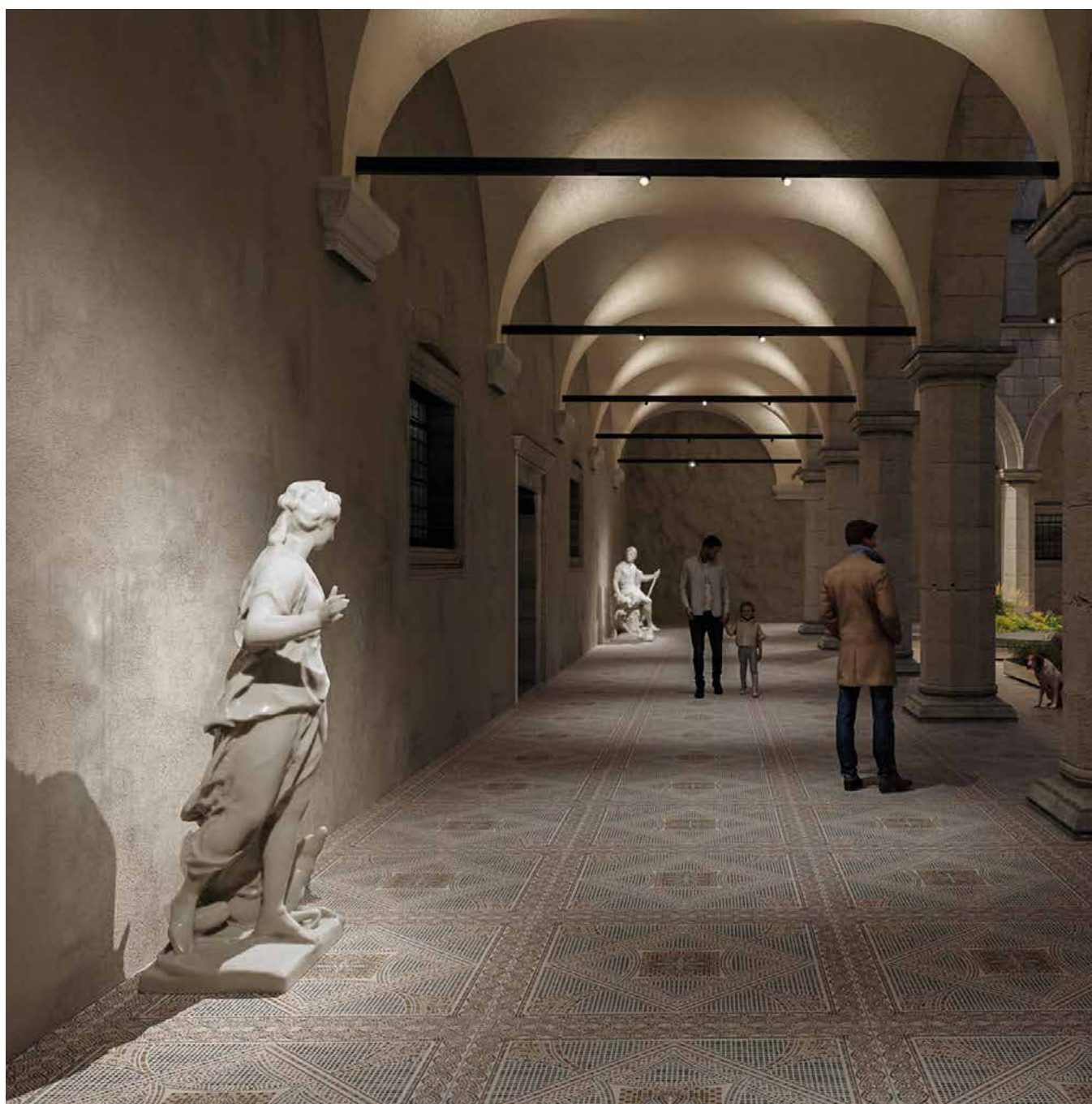| Remote driver	Integrated driver
IP67 56W - 120W IP20 60W - 130W	150W | 90W

Applications

The combination of diffused and adjustable precision elements combined with the possibilty to choose from On-Off, DALI and Casambi control, allows to design a flexible and dynamic outdoor space that can be controlled with a smartphone

Terraces

Pergolas

Outdoor dining areas

Humid environments (SPA)

Targetti

Black Anodized

Ferrite

Plaster white

On request

IVY is available on request in all
the colours of the "Easy Custom
Colours" range. To see the Colours
chart, consult page 136 or the
website in the Download section.

Profiles

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

Cover 2000mm

Colour		Code
● (black)		1E4170

Joints

Installation	Colour	L Planar	L Concave	L Convex
Surface	● (grey)	1E4176	1E4177	1E4178
	○ (white)	1E4236	1E4237	1E4238
	● (black)	1E4172	1E4173	1E4174
Recessed	● (black)	1E4259	1E4260	1E4261

Power supply

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

*To be completed with 1E4184

Feeding accessories

		Code
New 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
New Audio Speaker Master Module | max 50W | 450x49x60mm	● (black)	1E4262
	● (black)	1E4186
New People sensor/daylight sensor | 3W | 148x135x60mm	○ (white)	1E4235
	● (grey)	1E4272
New OAQ Sensor - Outdoor Air Quality | 3W | 148x49x60mm	● (black)	1E4185

Targetti

Accessories

	Coloure	Code
New Suspension kit | Length 2000mm | For indoor use only		2T0049
	⬤ (grey)	2T0048EL
New Power supply kit | Max 0,6kW | For indoor use only	⚪ (white)	1T5905EL
	⚫ (black)	1T5906EL
New 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   IP65

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

Multiple Projector
Ra90 | Fixture flux 3000K from 1584lm to 1869lm   442x135x60mm

Fixture Power	Optic	Colour	Driver	2700K	3000K	3500K	4000K
3x7W	SP	● (grey)	EL	1E4123EL	1E4126EL	1E4129EL	1E4132EL
			Casambi	1E4123CA	1E4126CA	1E4129CA	1E4132CA
		○ (white)	EL	1E4216EL	1E4219EL	1E4222EL	1E4225EL
			Casambi	1E4216CA	1E4219CA	1E4222CA	1E4225CA
		● (black)	EL	1E4111EL	1E4114EL	1E4117EL	1E4120EL
			Casambi	1E4111CA	1E4114CA	1E4117CA	1E4120CA
3x7W	FL	● (grey)	EL	1E4124EL	1E4127EL	1E4130EL	1E4133EL
			Casambi	1E4124CA	1E4127CA	1E4130DA	1E4133CA
		○ (white)	EL	1E4217EL	1E4220EL	1E4223EL	1E4226EL
			Casambi	1E4217CA	1E4220CA	1E4223DA	1E4226CA
		● (black)	EL	1E4112EL	1E4115EL	1E4118EL	1E4121EL
			Casambi	1E4112CA	1E4115CA	1E4118DA	1E4121CA
3x7W	WFL	● (grey)	EL	1E4125EL	1E4128EL	1E4131EL	1E4134EL
			Casambi	1E4125CA	1E4128CA	1E4131CA	1E4134CA
		○ (white)	EL	1E4218EL	1E4221EL	1E4224EL	1E4227EL
			Casambi	1E4218CA	1E4221CA	1E4224CA	1E4227CA
		● (black)	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	● (black)	EL	1E4135EL	1E4139EL	1E4143EL	1E4147EL
			Casambi	1E4135CA	1E4139CA	1E4143CA	1E4147CA
	Wall Washer	● (black)	EL	1E4137EL	1E4141EL	1E4145EL	1E4149EL
			Casambi	1E4137CA	1E4141CA	1E4145CA	1E4149CA
	Opal	● (black)	EL	1E4138EL	1E4142EL	1E4146EL	1E4150EL
			Casambi	1E4138CA	1E4142CA	1E4146CA	1E4150CA
	FL	● (black)	EL	1E4136EL	1E4140EL	1E4144EL	1E4148EL
			Casambi	1E4136CA	1E4140CA	1E4144CA	1E4148CA

Targetti

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

Requisites and information

All fixtures of the Targetti collection have been designed and produced to comply with European Standard EN60598-1 relative to the safety requisite of light fixtures.

CE **DIRECTIVES EUROPEAN COUNCIL**

All fixtures comply with the following directives:

➜ EMC Directive 2014/30/EU
➜ LV Directive 2014/35/EU
➜ RoHS Directive 2011/65/EU

Unless specified otherwise

➜ all fixtures are supplied without lamps;
➜ all fixtures are sold separately;
➜ all measurements are expressed in millimeters;
➜ all fixtures at low voltage are supplied without transformer;
➜ For products in Class III performance is only guaranteed using the electronic power supplies and drivers indicated in the catalogue.

Consorzio ecolight

Targetti Sankey Spa is a member of the Ecolight consortium that was set up in 2004 (D.Lgs. 49/2014) to comply with the provisions of the European Directive that was adopted in Italy as the European Directive 2012/19/EU for WEEE on managing, recovering and treating waste electrical and electronic equipment, used batteries and accumulators in compliance with all applicable legislation.

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TARGETTI SANKEY SpA
Certificated ISO 9001 n° 9130. TAR1
Certificated ISO 14001 n° IT319206

The Enec mark, ISO9001 and ISO14001 certifications and the CE marking all guarantee that the activities carried out internally in the company are governed and controlled by procedures which assure constant level of quality.

Accredited laboratory in accordance with ISO 17025.

Light beam apertures

from	to	beam	
5°	10°	Narrow Spot	**NSP**
11°	25°	Spot	**SP**
26°	40°	Flood	**FL**
41°	50°	Medium Wide Flood	**MWFL**
51°	70°	Wide Flood	**WFL**
71°	120°	Very Wide Flood	**VWFL**
		Wall Washer	**WW**
		Narrow Asymmetric	**N. ASYM**
		Asymmetric	**ASYM**

Targetti

Icons legend

Class I luminaire in which the protection against electrical shock is guaranteed by the connections of the conductive elements accessible to a protective conductor (earth connection).

Class II luminaire (double insulation), protected against the accidental contact with parts under tension from the user.

Class III luminaire, suitable for connection to very low voltage circuits.

IP.. Solid particle and liquid ingress protection degree.

IP.. Protection degree - Recessed part .
IP.. Protection degree - Exposed part.

IK.. Impact protection degree.

Particular symbols

Cable length.

Walk-over.

Fixtures that have parameters below the minimum visibility threshold PstLM≤1 and SVM≤0.4 (IEC TR 61547-1 and IEC TR 63158).

Ra LED with Ra__ where not present in the catalogue, available on request.

Different colour temperatures available on request.

Custom finish of your choice from the Targetti Colours range and RAL indicated in the colour chart can be downloaded on line from the download section.

Cataphoresis treatment carried out on request.

Power supply

Supplied on request with an integrated or remote 110-277Vac power supply as indicated for the standard model.

Emergency light module available

Note

➥ Please contact us for on request treatments and versions.

➥ The performances reported on the products refer to the use of the recommended drivers.

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

targetti.com