



Overled®

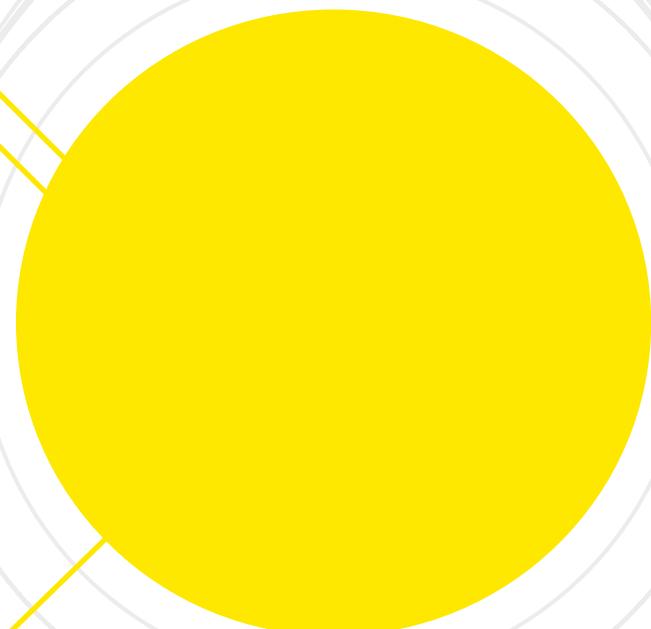
| What's next? |





Digital Addressable Lighting Interface

*DDS Elettronica è membro del consorzio DALI
*DDS Elettronica is a member of the DALI consortium



Cambiamo il modo
di guardare alla luce,
di pensarla, di crearla,
di produrla.

*Changing the way
you look at,
think of, create
and produce light.*

Overled

What's next?

La luce aperta al futuro.

Guardare avanti, individuare soluzioni innovative.

What's next è Overled.

Siamo innovatori di luce, di led, di idee.
Creiamo nuove tecnologie e applicazioni
per nuovi tipi di led.
E innovatori sono i nostri clienti:
designer, produttori e progettisti
che amano scoprire, inventare e realizzare
nuove soluzioni di illuminazione.

La voglia di essere unici ha creato Overled.

What's next?

Light is open to the future.

Looking ahead and finding innovative solutions.

What's next is Overled.

We innovate light, LEDs and ideas.

We create new technologies and applications
for new types of LEDs.

Our customers are innovators too:
designers, producers and planners
who enjoy discovering, inventing and creating
new lighting solutions.

We strive to be unique, so we created Overled.

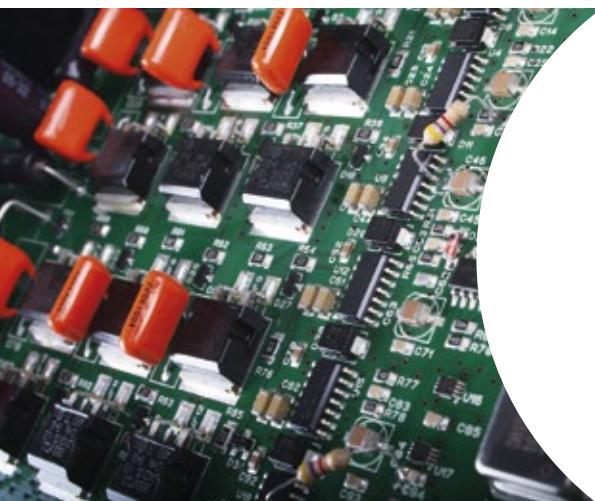
Radici solide

Overled non appare dal nulla: nasce da DDS Elettronica, che dal 1992 crea idee, apparecchiature e sistemi ad alta tecnologia. Quando nel 2002 il pensiero innovativo di DDS si è rivolto al mondo dell'illuminazione led, ecco nascere Overled.

Strong roots

Overled has not simply appeared out of nowhere, but it is the achievement of DDS Elettronica, which has been creating ideas, equipment and hi-tech systems since 1992.

Overled came to life when DDS came up with the brilliant idea in 2002 to innovate the world of LED lighting.



Alta produttività creativa

Ogni anno sviluppiamo decine di nuovi progetti personalizzati per i più importanti nomi nel panorama mondiale dell'illuminazione. A questi si aggiungono le proposte a catalogo, in cui abbiamo unito l'innovazione creativa agli standard produttivi e di costo.

Anni luce dalle solite soluzioni

Possibilità infinite di creazione e di progettualità.

L'idea alla base di Overled: dare a progettisti, designer e architetti uno strumento decisivo di bellezza, originalità e distinzione.

"Un collaboratore che dà forma alle idee, stimola nuove soluzioni, il ponte fra la creatività e la fattibilità funzionale e produttiva"

High creative productivity

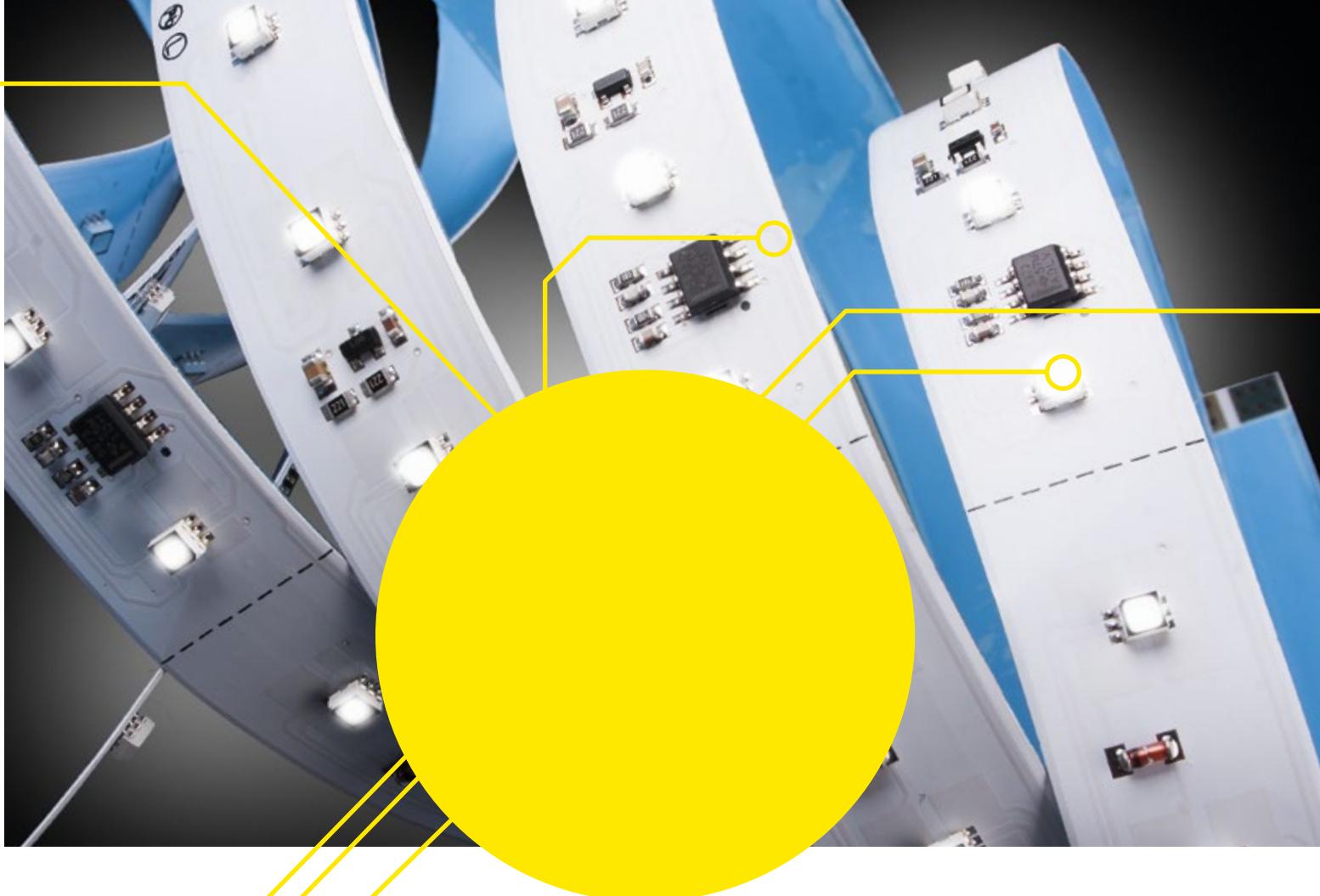
We develop several new customised projects each year for major names on the worldwide lighting marketplace.

We also have a catalogue of solutions to which we have added creative innovation to production standards and costs.

So different from the usual solutions

Endless creative and design possibilities. The key concept of Overled is that of offering planners, designers and architects a decisive tool for beauty, uniqueness and distinction.

"A helpful tool to materialise ideas, to stimulate new solutions and a link between creativity and functional and productive feasibility"



Overled

**Specialisti di
soluzioni innovative**

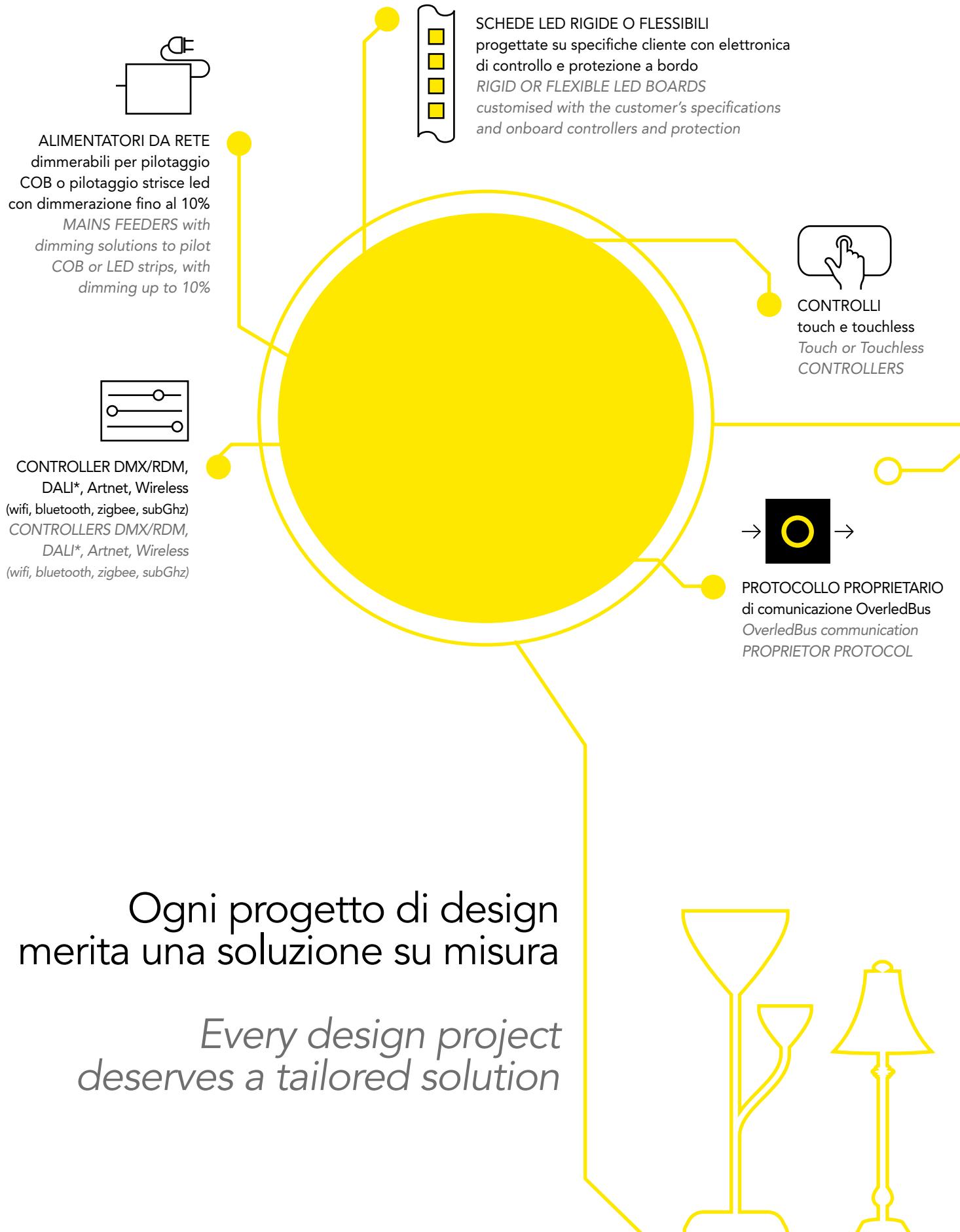
Abbiamo creato sistemi e soluzioni
che esaltano la qualità della luce per dare
ai progettisti, ai light designer e agli architetti
nuovi modi di creare bellezza.

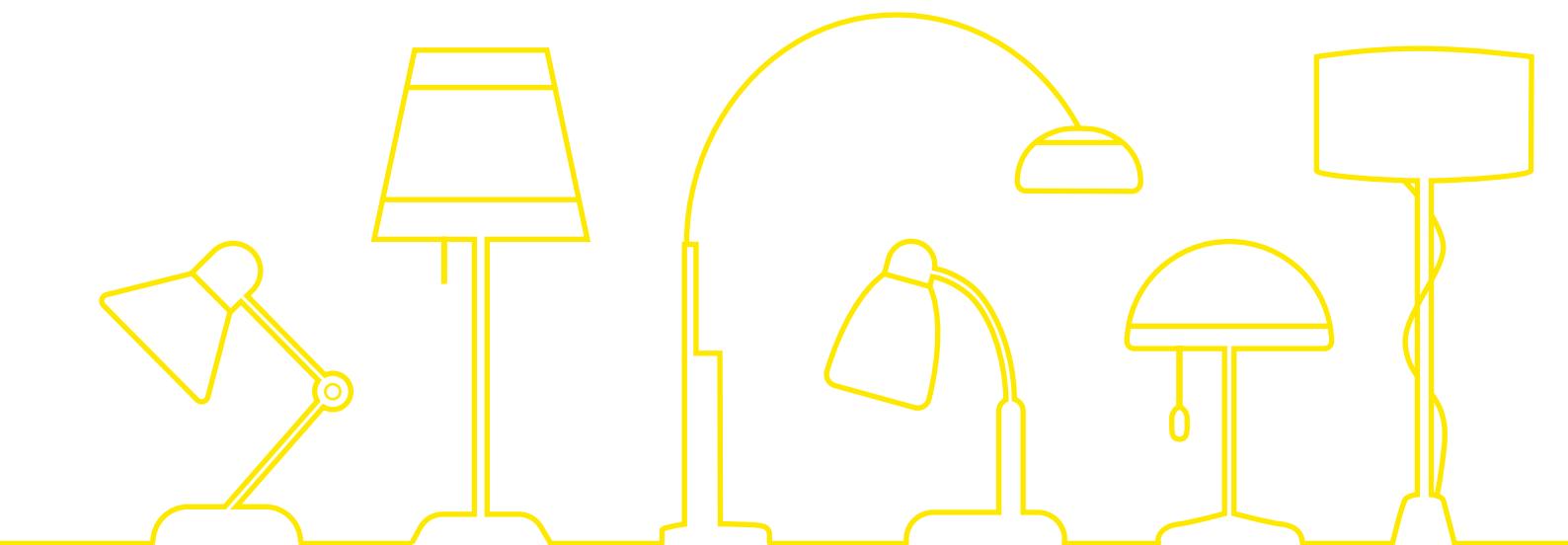
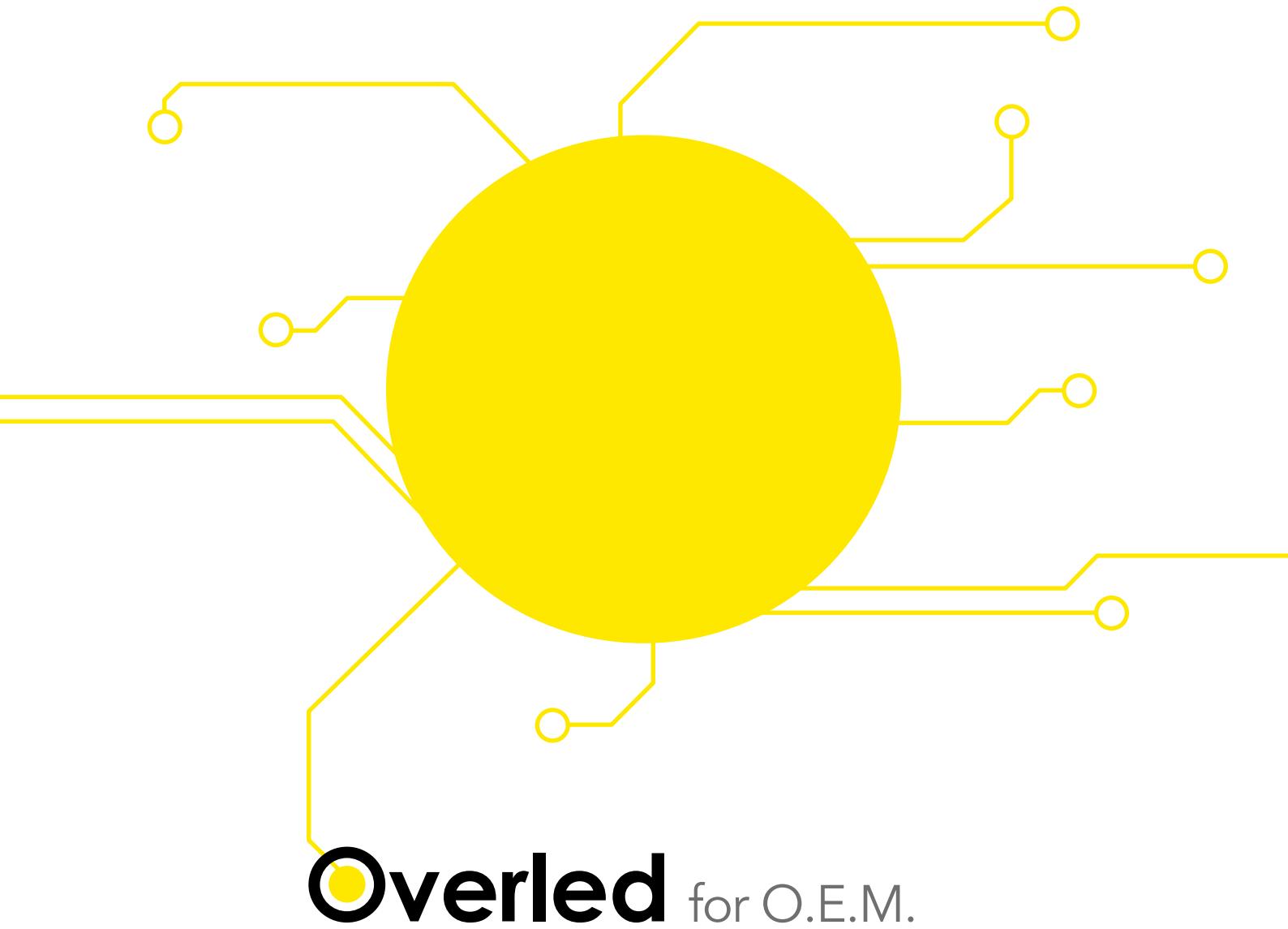
E continuiamo a innovare.

**Specialists in
innovative solutions**

We have created systems and solutions
that enhance the quality of light,
aiming to offer planners, light designers
and architects new ways of creating beauty.

And we won't stop here.







Una luce mai vista prima,
che unisce soluzioni d'avanguardia a
una personalizzazione senza limiti.



SOLUZIONI E VELOCITÀ.

Ecco cosa chiedono i produttori di illuminazione.
Ingegno per soddisfare le esigenze tecniche e
progettuali.
Velocità nel mettere a punto le soluzioni pronte
per la produzione.

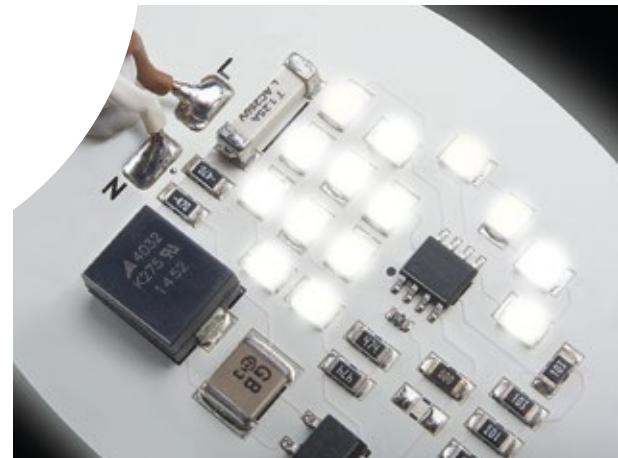
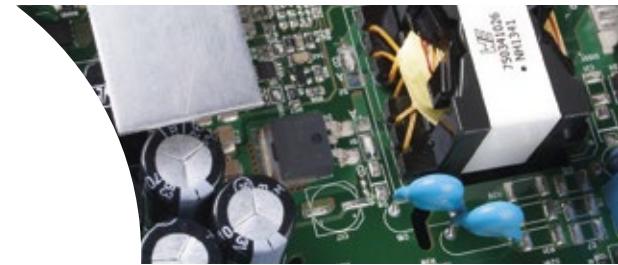
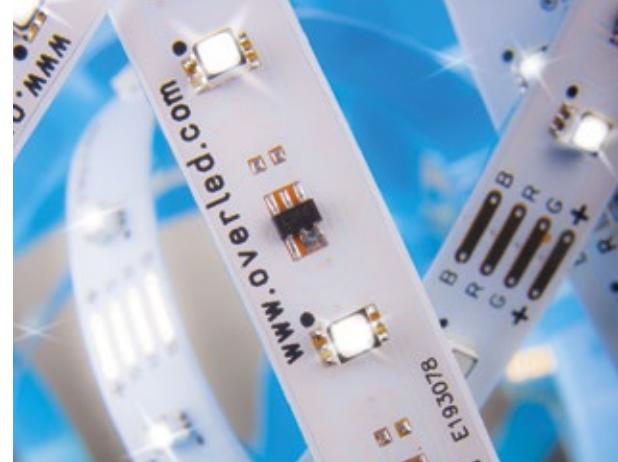
È quello che facciamo creando schede elettroniche dedicate al controllo led, di qualsiasi forma e dimensione, anche flessibili.
Nessun limite alle richieste più stravaganti dei designer o a quelle più stringenti dei responsabili di produzione.

SOLUTIONS AND SPEED.

*Solutions and speed are the two key requests of lighting producers.
Genius in meeting technical and design needs.
Speed in pinpointing solutions ready for production.*

*This is what we do. We create electronic boards to control any shape and size of LED, even flexible ones.
There is nothing we cannot do. We can satisfy the requests of the most extravagant of designers and the most demanding of production supervisors.*

An unseen light combining modern solutions and endless personalisation options.



The strongholds for O.E.M.

Tecnologia capacitiva con controllo touch e touchless per creare sistemi dall'esperienza d'uso coinvolgente e assolutamente innovativa.

Capacitive technology with touch and touchless control to create gratifying and absolutely cutting-edge systems.

Alimentatori da rete con possibilità di dimmerazione finissima per ottenere effetti di luce morbidi, sorprendenti, ad altissima affidabilità.

Mains feeders with extremely fine dimming solutions to obtain soft, amazing and highly reliable lighting effects.

Possibilità di personalizzare le schede con il logo del produttore.

Possibility to customise boards with the producer's logo.

Possiamo dotare le nostre apparecchiature di qualsiasi tipo di controllo (**DALI***, DMX/RDM, Artnet, Wireless). In questo modo semplifichiamo il sistema, il cablaggio e riduciamo le dimensioni del prodotto finito.

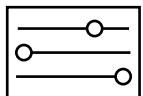
We can install any type of controller on our equipment (**DALI***, DMX/RDM, Artnet, Wireless). In this way we simplify the system and the wiring and we make the finished product smaller.

Circuiti elettronici embedded che permettono alle lampade di **ottenere gli effetti desiderati dai designer**. Per distinguersi. Per emergere.

Embedded electronic circuits **allow designers to create the desired effects** of their lamps. To make their mark and to stand out among many.

Partner tecnologici di riferimento per i produttori.

Technological reference partner for producers.



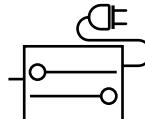
SISTEMI WHITE O RGBW
con controllo DMX/RDM,
Artnet, OverledBus, DALI*
WHITE OR RGB SYSTEMS
with DMX/RDM, Artnet,
OverledBus and DALI* Control



ALIMENTATORI DA RETE dimmerabili per pilotaggio COB
o strisce led con dimmerazione finissima
MAINS FEEDERS with dimming solutions to pilot COB
or LED strips with fine-tune dimming



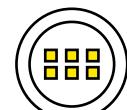
SERVIZIO DI
LIGHT DESIGNER
del sistema
di illuminazione
(su richiesta)
*LIGHT DESIGNER
SERVICE*
of the lighting system
(if requested)



ALIMENTATORI CON
SISTEMA DI CONTROLLO
DMX INTEGRATO
FEEDERS WITH ONBOARD
DMX CONTROL SYSTEMS



SERVIZIO DI START UP
del sistema di illuminazione
(su richiesta)
START-UP SERVICE
of the lighting system
(if requested)

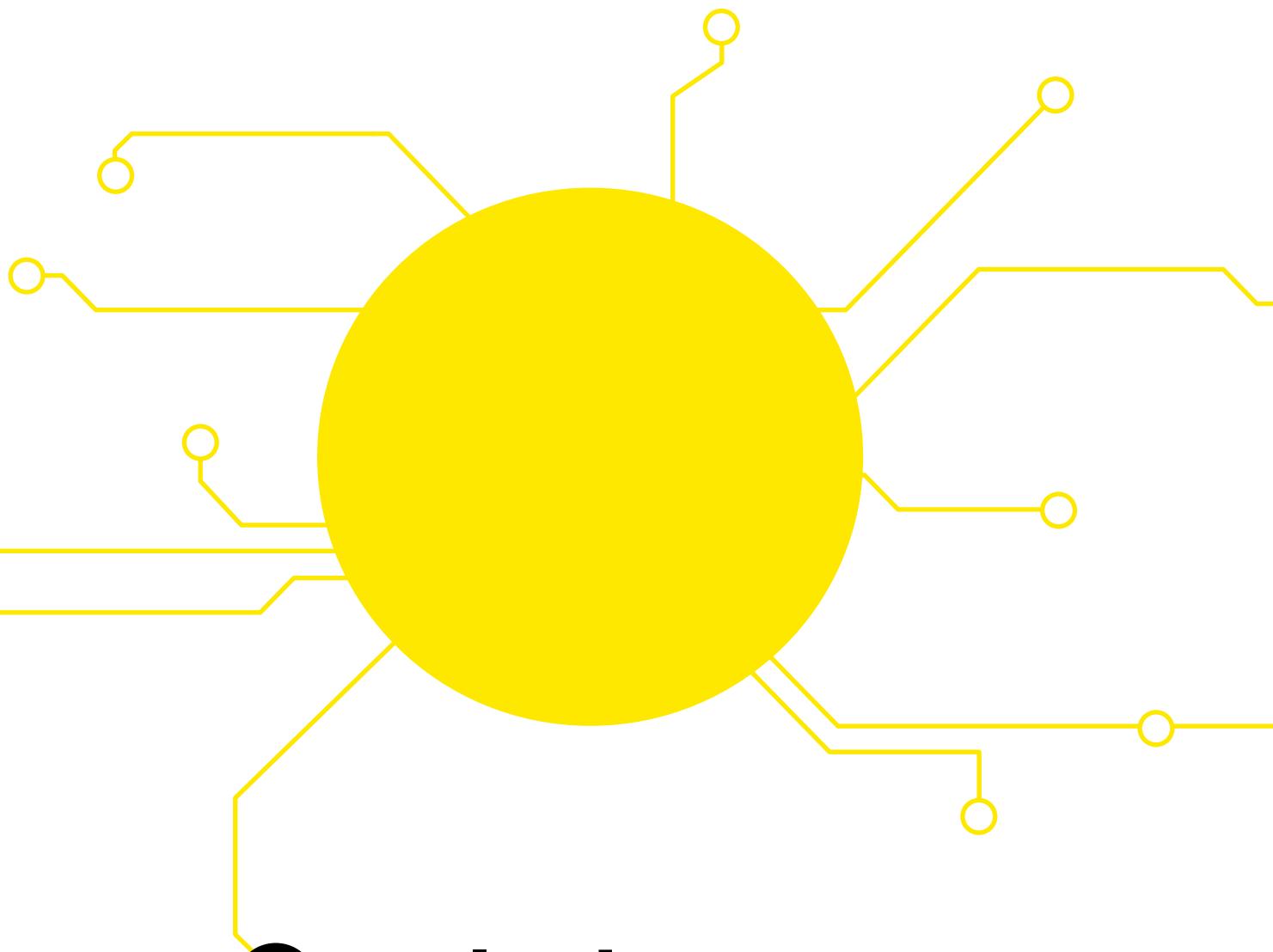


SCHEDE LED
bianco dinamico e alto CRI
Dynamic and high CRI white
LED BOARDS

Diamo luce al progetto
che hai in mente

We enlighten the project
you have in mind







Non mettiamo limiti all'invenzione,
plasmiamo i led a ogni desiderio.



Collaboriamo con architetti, light designer e interior designer per creare soluzioni di illuminazione per uffici, negozi, appartamenti. Per aumentare il benessere e le emozioni di chi in questi spazi vive, lavora, entra per fare acquisti o per visitare un luogo d'arte.

Alla base di tutto, una tecnologia capace di creare effetti luminosi ricchi di sensazioni ricercate.

We work with architects, light designers and interior designers to create lighting systems for offices, shops, homes exhibition halls and much more. We highlight the sense of comfort and emotions of those who work, shop and live in these places or those who visit them to admire a work of art.

The key to everything is a technology capable of creating lighting effects with very special sensations.

*There is no limit to imagination.
We can model the LEDs
to your every desire.*



The strongholds for light design for interiors

Alimentatori con possibilità di dimmerazione finissima per ottenere effetti di luce ad altissima unicità e affidabilità di funzionamento.

Alimentatori incorporati al sistema illuminante per rendere autonomi i sistemi di controllo.

Controller touchless per accendere le luci al solo ingresso della persona nell'ambiente.

Controller DMX e RDM per creare effetti di luce complessi e scenografici.

Esperienza specifica nella creazione di **soluzioni per musei e palazzi storici**.

OverledBus il sistema di trasmissione DMX che non richiede la polarizzazione dei conduttori. Il **cablaggio risulta semplificato**, per ottenere effetti di luce innovativi anche negli edifici tutelati come beni architettonici.

Servizio di light design e di start up del sistema di illuminazione (opzionale).

Feeders with fine-tune dimming solutions to obtain absolutely unique and reliable light effects.

Feeders built into the lighting system to create self-sufficient control systems.

Touchless controllers to switch on the lights simply if a person walks into the room.

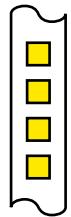
DMX and RDM controllers to create complex and scenographic lighting effects.

Specific experience in creating **solutions for museums and historical buildings**.

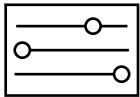
OverledBus is the DMX transmission system that does not require polarization of the conductors. **Wiring is much easier** to create innovative lighting even in protected buildings, such as those belonging to architectural heritage.

Light design and start-up service of the lighting system (optional).





SCHEDE LED E STRISCE FLESSIBILI WHITE o RGB, RGBW,
bianco dinamico con elettronica a bordo
LED BOARDS AND FLEXIBLE WHITE STRIPS or RGB, RGBW,
dynamic white leds with built-in electronics



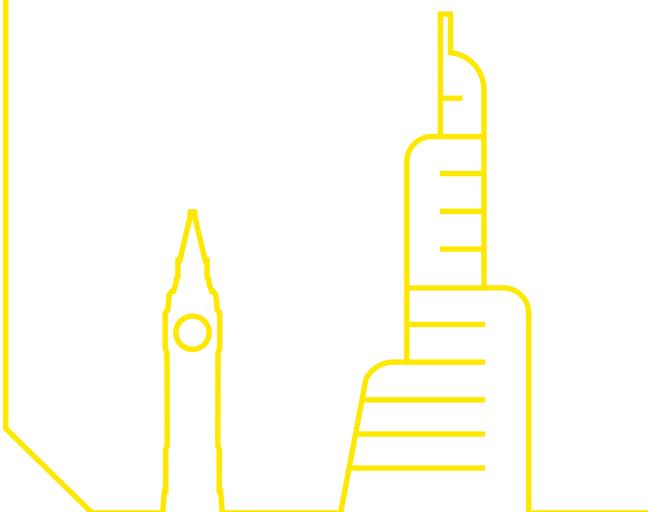
Sistemi di controllo
DMX/RDM, Artnet,
OverledBus, DALI*
Control systems
DMX/RDM, Artnet,
OverledBus, DALI*

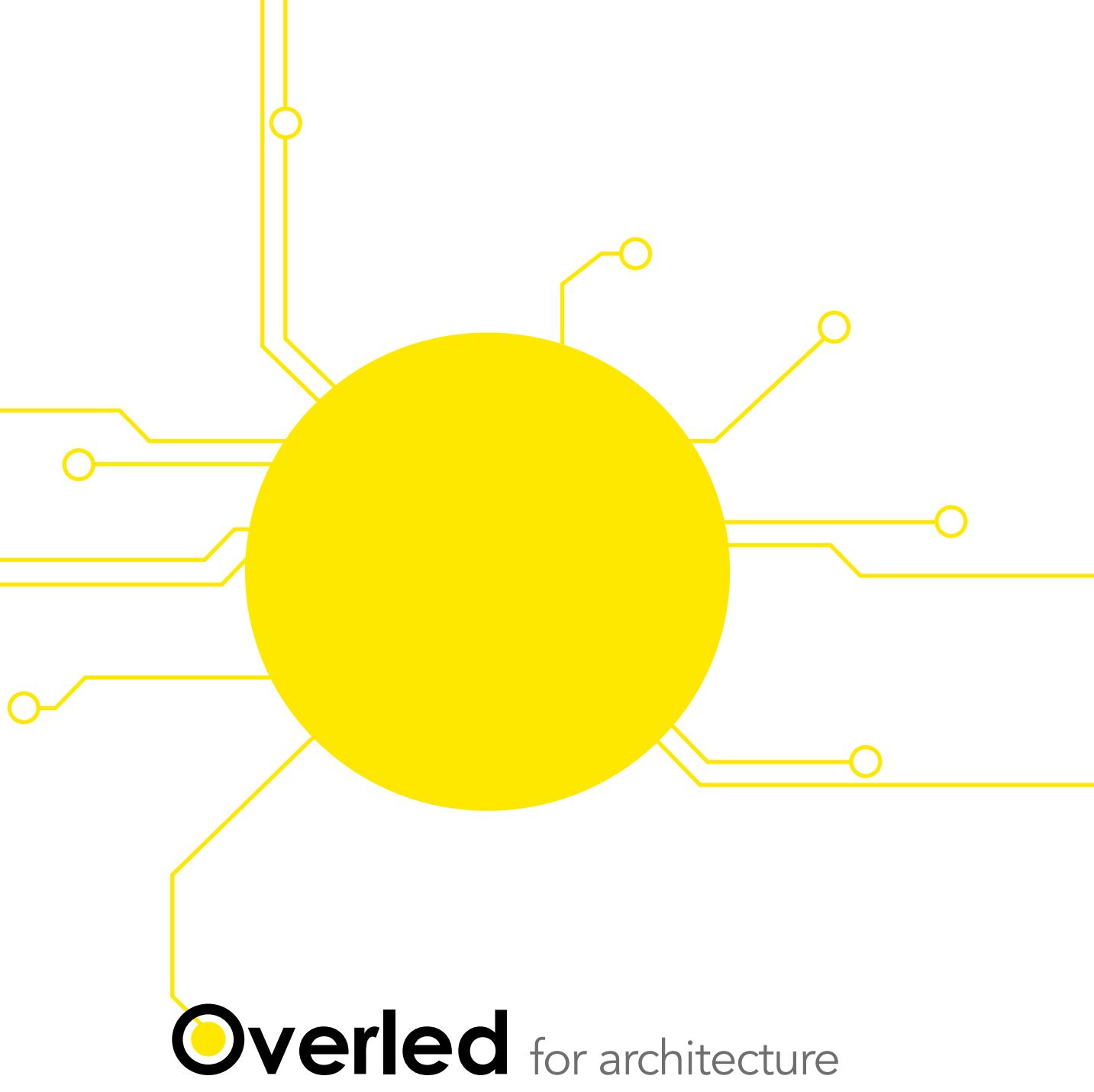


SISTEMI CONTROLLO
WIRELESS
WIRELESS CONTROL
SYSTEMS

Nessun limite alla possibilità
di valorizzare spazi e volumi

*Limitless possibilities
to enhance space and volume*





Overled

La luce che accende la bellezza.



LA LUCE È VITA, È CALORE, È ENERGIA.

Con Overled la luce è un elemento della progettazione architettonica, della scenografia, dello spazio.

Una luce creativa, che accarezza gli ambienti, ne esalta l'architettura e gli spazi.

Una luce tecnologica, ad alte prestazioni estetiche e funzionali.

Una luce intelligente, attenta ai costi d'esercizio e al contenimento dell'energia.

Un valore aggiunto e una componente di successo in più per il progetto architettonico.

Soluzioni per chi guarda alla luce con occhi nuovi.

LIGHT IS LIFE, WARMTH AND ENERGY.

Using Overled, light becomes an element of the architectural design, stage design and space.

A creative light that embraces the rooms, enhancing the architecture and spaces.

A very attractive and functional technological light.

An intelligent light designed around running costs and energy saving.

An added value and an extra successful component for the architectural project.

Solutions for those looking at light through new eyes.

Light that illuminates beauty.



The strongholds for architecture

Capacità di realizzare **schede di ogni tipo e formato** in base agli elementi architettonici o agli ambienti da valorizzare con la luce.

Possibility to create **all kinds and sizes of boards** based on the architectural elements or on the rooms to be enlightened.

Schede led e strisce flessibili bianche o RGB, RGBW, Bianco dinamico con elettronica a bordo.

LED boards and flexible white strips or RGB, RGBW, Dynamic white leds with built-in electronics.

Controller DMX per creare effetti di luce complessi e altamente scenografici.

DMX Controller to create complex and scenographic lighting effects.

Controller DMX/RDM per il massimo controllo della parete illuminata.

DMX/RDM Controller for utmost control of the illuminated wall.

Controller DALI* e Artnet.

DALI* and Artnet Controllers.

Controller wireless (Sub Ghz) per semplificare il cablaggio.

Wireless Controller (Sub Ghz) to simplify wiring.

Bus di comunicazione OverledBus a 2 fili senza polarità per semplificare e ottimizzare il cablaggio del sistema.

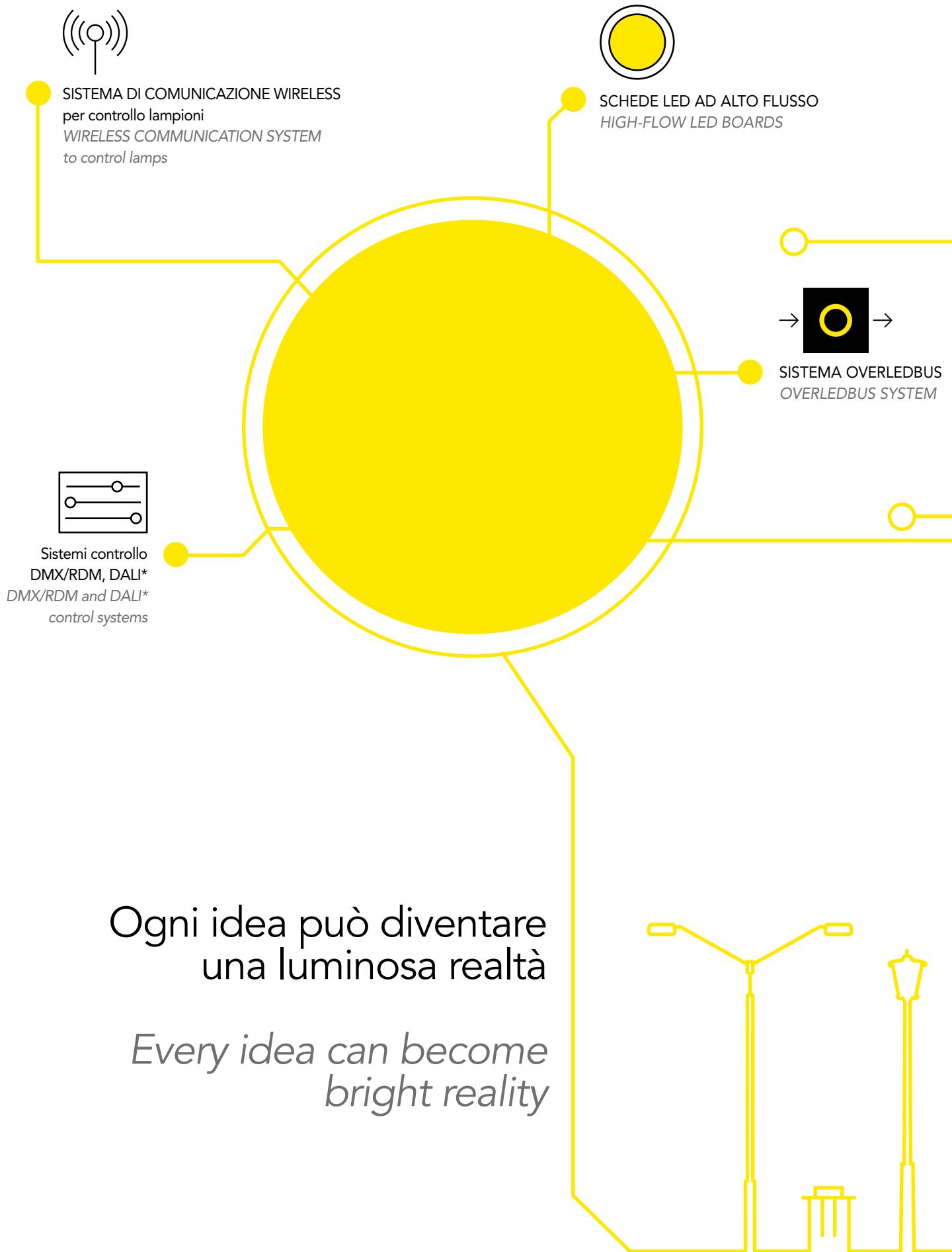
OverledBus communication bus with 2 pole-free wires to simplify and optimise system wiring.

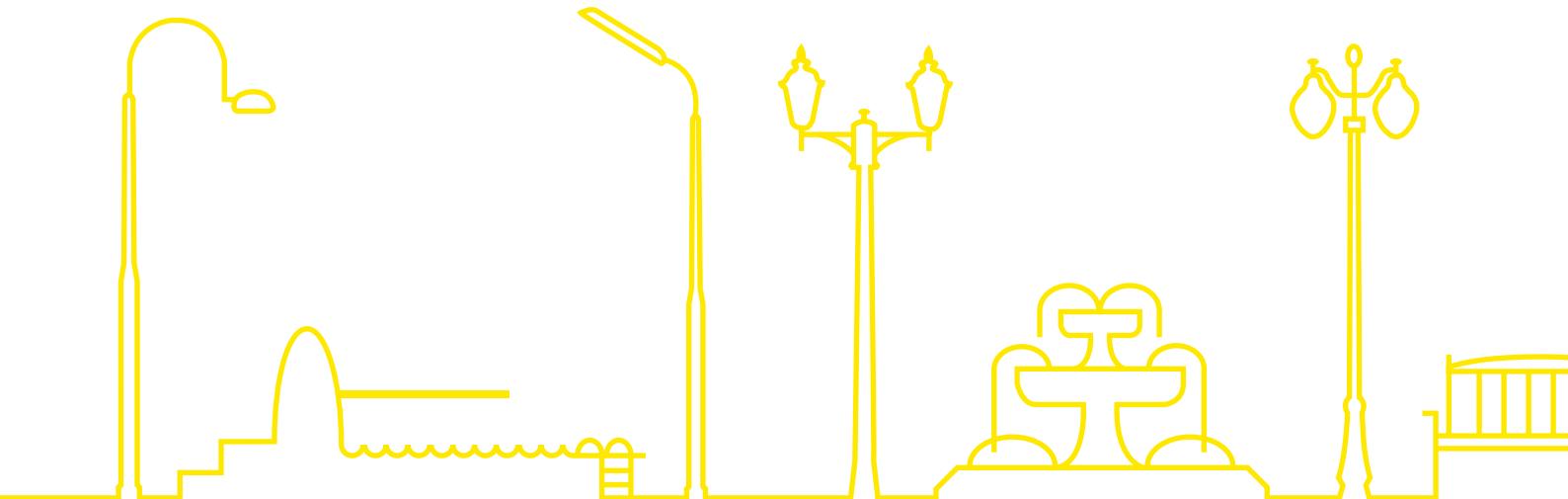
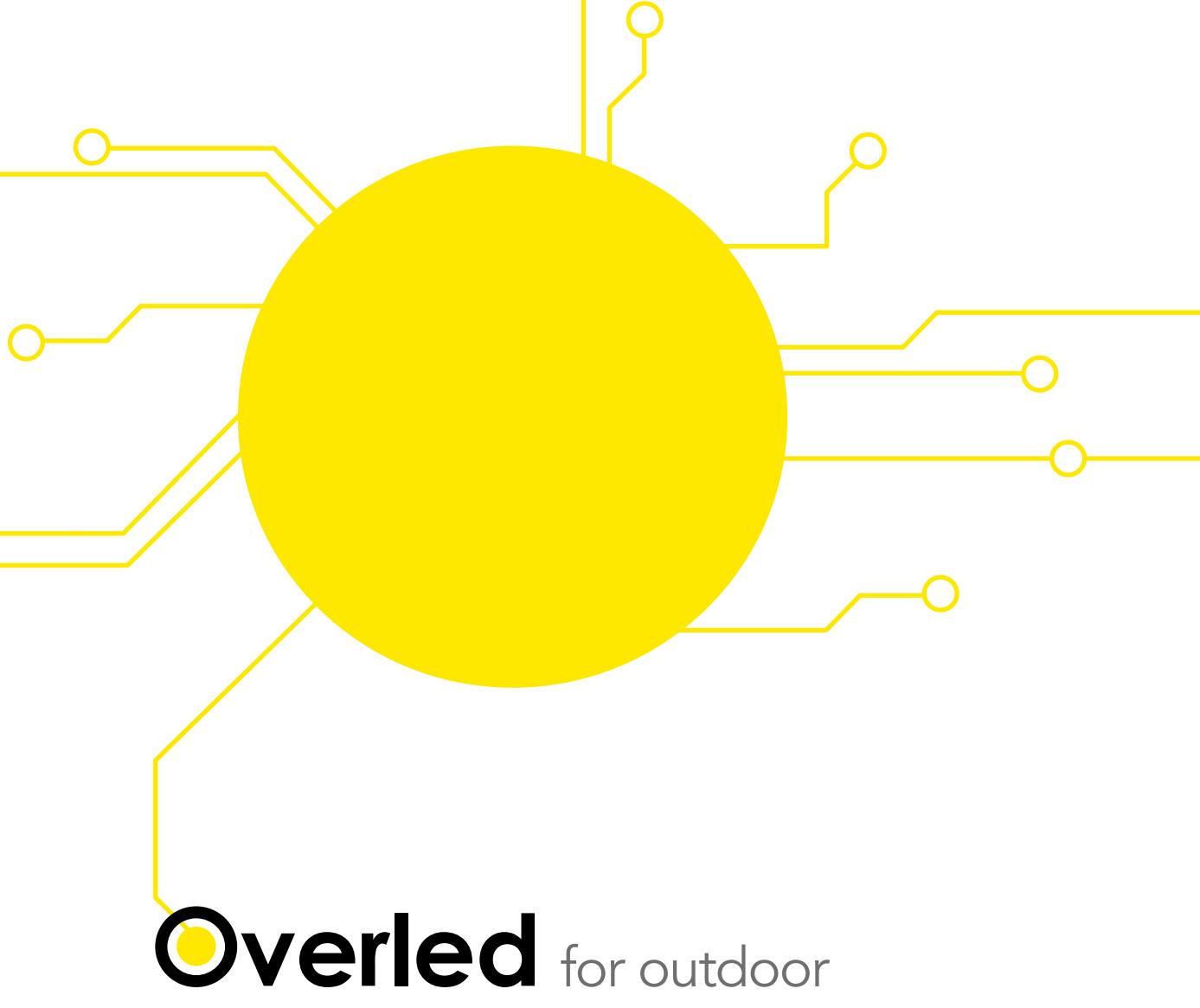
Rendering degli effetti luce.

Rendering of the light effects.

Servizio di light design e di start up del sistema di illuminazione (opzionale).

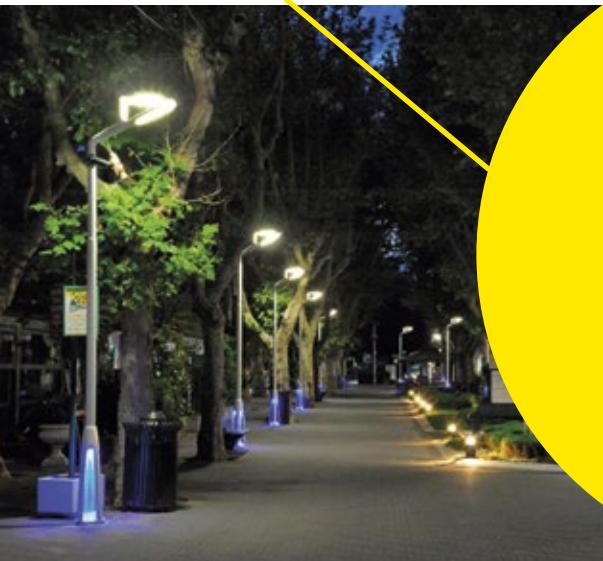
Light design and start-up service of the lighting system (optional).







Niente confini alla creatività della luce,
anche all'aperto.

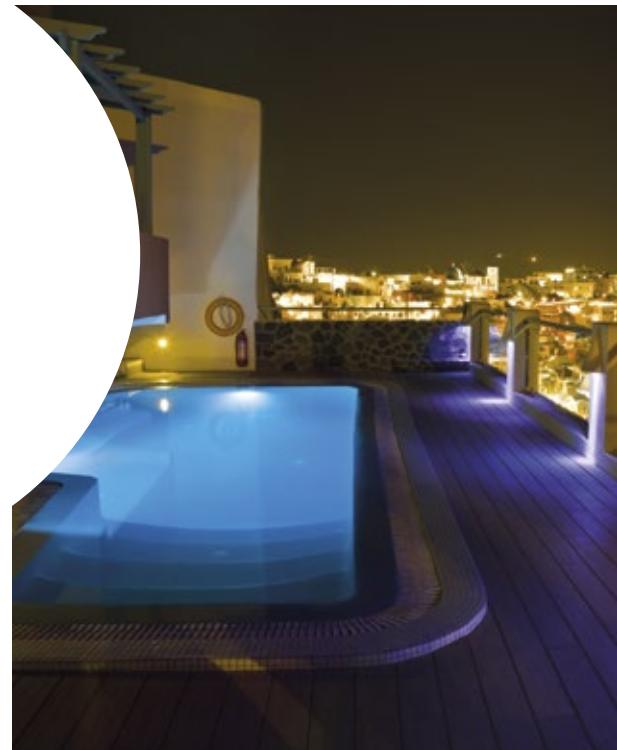


Strade, piazze, gallerie, spazi pubblici e privati, parchi, giardini, piscine.
Illuminare l'outdoor con le stesse suggestioni visive e sensoriali di un magnifico spazio indoor è possibile.

Streets, squares, galleries, public and private spaces, parks, gardens and swimming pools.

You can illuminate your outdoor areas with the same visual and sensorial feel of a magnificent indoor space.

*There are no limits to creative lighting,
even outdoors.*



The strongholds for outdoors

Schede led ad alto flusso, perfette per l'illuminazione stradale, cercando la migliore soluzione in termini di tecnologia led.

The high-flow LED boards are perfect for lighting streets, pinpointing the best solution in terms of LED technology.

Sistema di comunicazione wireless controllo lampioni, per una gestione intelligente della luce e dei consumi del sistema.

Lamp control wireless communication system, to manage the lights and system consumptions intelligently.

Sistemi controllo DMX/RDM, DALI*: la scheda all'interno e non all'esterno, semplificando il cablaggio e riducendo l'ingombro del prodotto.

DMX/RDM and DALI* control system: instead of an external board, the built-in board makes wiring simpler and makes the product more compact.

Tecnologia capacitiva per sistemi wireless per l'accensione dei lampioni in sequenza.

Capacitive technology for wireless systems to switch on the lamps sequentially.

OverledBus il sistema a bassa tensione per l'acqua, per ottenere effetti di luce coreografici in fontane e piscine.

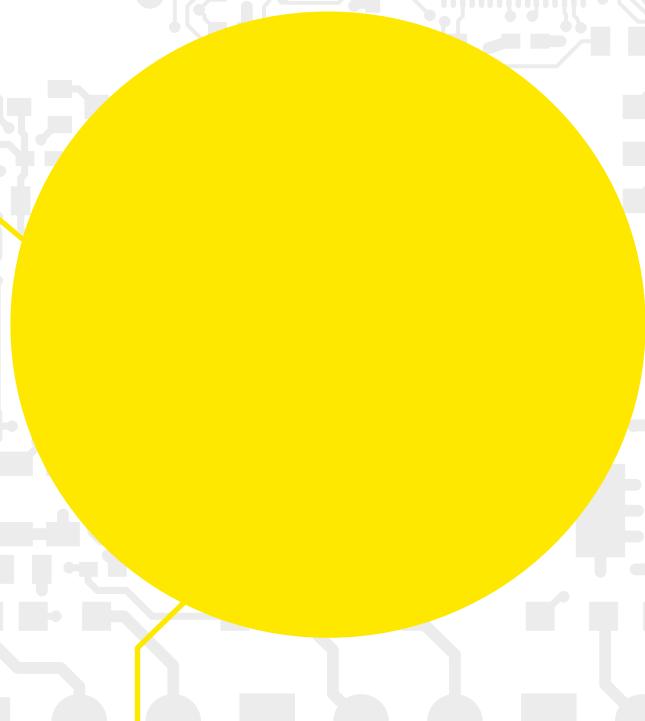
OverledBus is the low voltage system for water, to obtain choreographic lighting effects in fountains and swimming pools.

Schede flessibili con elettronica di controllo embedded, per plasmare la luce sulle forme architettoniche degli ambienti.

Flexible boards with embedded electronic controls to shape the light around the architectural shapes of the places.



Un catalogo non basta
One catalogue is not enough



Non possiamo far vedere tutto quello che facciamo.

Per due motivi:

- ci vorrebbe un catalogo grande come una biblioteca
- molti progetti personalizzati sono riservati

Per questo, se stai pensando a qualcosa che non hai visto in queste pagine, parlammone.
E creiamolo insieme.

*It is impossible to show you everything we do,
for two reasons:*

- it would take a catalogue as big as an entire library*
- many of the customised projects are confidential*

*So, if you are thinking about something you have not
seen on these pages, let's talk about it,
and then create it together.*



MADE IN ITALY

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Overled®

I What's next? I

Product

Catalog



ELETTRONICA®

MADE IN ITALY



1**DDS**

Every project deserves the best solution possible. Or impossible

5**OverFLEXI**

Flexible led strip led IP20

21**OverFLEXI-SILICONE**

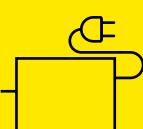
Flexible led strip with Silicone protection

22**CUSTOM OverFLEXI**

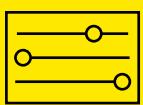
Customized strip led according to the customers specifications

23**ACCESSORIES**

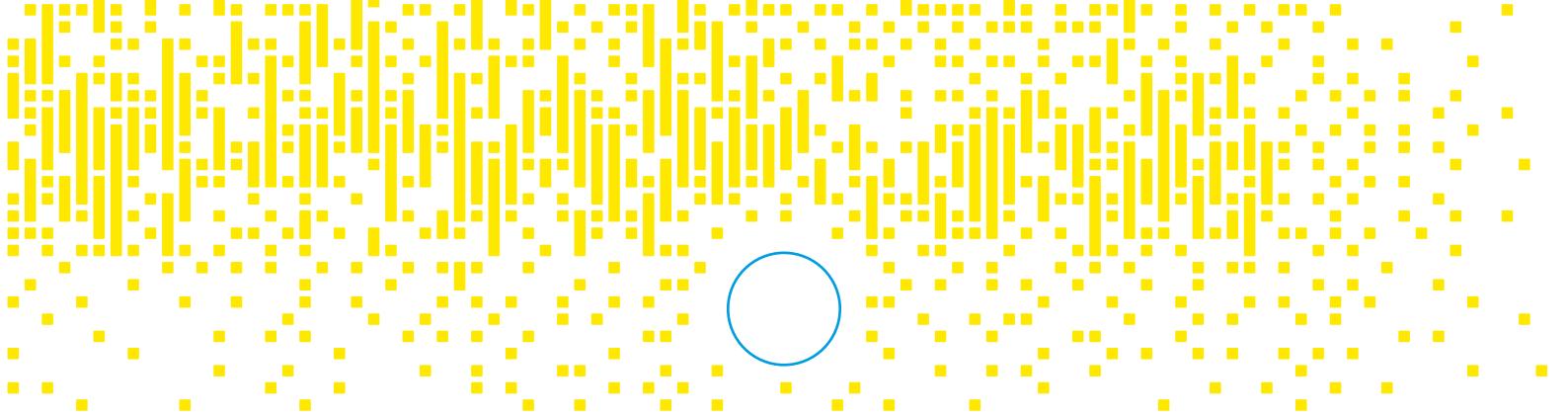
Aluminum channels and power supply

25**DRIVERled**

Power Supply with dimmng solution

29**CONTROLLERled**

DMX/RDM controllers able to dim and control Strip led



Overled

*Overled did not appear from nowhere.
It was created by DDS Elettronica of Modena,
in Italy.*

*This is where we design, prototype, test,
fine-tune and produce all our technologies.
Since 1992.*

*Overled was created in 2002.
Since then, LED lighting has become our
speciality.*

*Our Modena headquarters is the
manufacturing and research facility
that dictates the future of LED lighting.*

**Overled non appare dal nulla,
nasce da DDS Elettronica che ha sede
a Modena, in Italia.**

**Qui progettiamo, prototipiamo, testiamo,
mettiamo a punto e produciamo ogni nostra
tecnologia. Dal 1992.**

**Nel 2002 è nata Overled.
Da allora l'illuminazione LED è diventata la
nostra specialità.**

**E la sede di Modena è il centro produttivo
e di ricerca dove nasce il futuro
dell'illuminazione LED.**





COMPLETE CYCLE OF CERTAINTIES

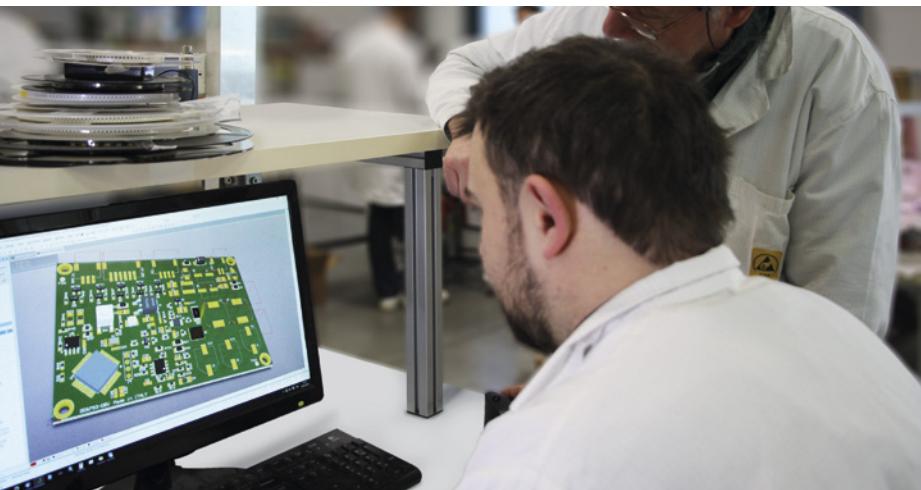
CICLO COMPLETO
DI CERTEZZE

Design, prototyping,
pre-compliance EMC tests and commissioning.
**The entire design and production process
is carried out in Italy, at the headquarters in
Modena.**

Design of master electronics and hardware
with latest generation 3D CAD.
Mechanical design of the board or electronic
subset with 3D CAD.
Rapid prototyping to consign test samples
to the customer very quickly.
We develop the master and write the wiring
diagram.
100% made in DDS, Italy.

Progettazione, prototipazione,
test EMC pre-compliance, messa a punto.
**Tutto il processo di progettazione e
produzione avviene in Italia, nella sede di
Modena.**

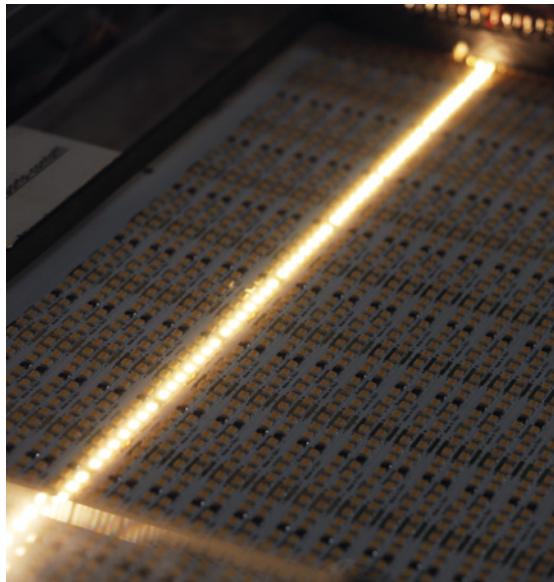
Progettazione elettronica master e hardware
con CAD 3D di ultima generazione.
Progettazione meccanica della scheda
o sottoinsieme elettronico con CAD 3D.
Prototipazione rapida per consegnare al cliente
campioni di test in tempi brevi.
Sviluppo master e stesura schema elettrico.
100% made in DDS, Italy.





VERIFICATION, TESTING AND CERTIFICATION

VERIFICHE,
CONTROLLI E
CERTIFICAZIONI



The boards produced can be type-approved according to the customer's specific requirements (for example the UL marking). Functional tests and thermographic analysis of the electronic board:
· to guarantee excellent qualitative standards
· to supply all the information related to the thermal management of the equipment.

Le schede prodotte possono essere omologate secondo specifica richiesta del cliente (ad esempio la marcatura UL).
Test funzionali e verifiche termografiche della scheda elettronica:
· per garantire standard qualitativi di eccellenza
· per fornire tutte le informazioni relative alla gestione termica dell'apparecchio.

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www.0verled.com
L25-5
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OverFLEXI

OVERLED FLEXI helps to improve the ambient lighting thanks to the quality of its light that come from design and production 100% Made in Italy, attention to details and high quality of components used.

OVERLED FLEXI reach more than 5000 lm/mt as well as a high color rendering up to CRI>95 with R9 controlled R9>80. Small dimensions (from 5,5 mm width) allows the use in applications that required limited space.

With new OVERLED FLEXI SILICONE we are able to offer linear light protected against environmental influences, can be provided in customized lenghts with Input/Output cable and connectors. RGB, RGB with DMX Embedded, SPI, RGBW and Silicone IP complete the OVERLED FLEXI product range.

OVERLED FLEXI aiuta a migliorare l'illuminazione ambientale grazie alla qualità della sua luce che deriva da una progettazione e produzione 100% Made in Italy, attenzione ai dettagli e ad un utilizzo di componenti di alta qualità. OVERLED FLEXI può superare i 5000 lm/mt con alti indici di resa cromatica CRI>95 e R9 controllati R9>80. Le piccole dimensioni (da 5,5 mm di larghezza) consentono l'uso in applicazioni che richiedono spazi limitati.

Con la nuova versione OVERLED FLEXI SILICONE possiamo offrire strip con protezione IP e può essere prodotta in lunghezze su richiesta con connettori ingresso/uscita IP. RGB, RGB con DMX a bordo, SPI, RGBW e SILICONE IP completano la gamma di OVERLED FLEXI.

HOW TO FILL IN THE PRODUCT CODE?

1 - code to be completed:

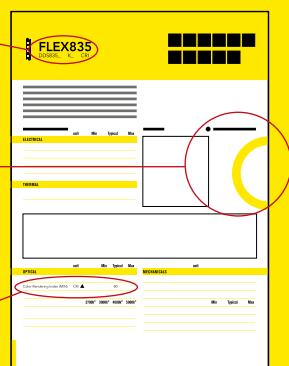
DDS835_ K_ CRI

2 - the item (K) is indicated in the temperature options indicated with the icon :

DDS835_4K_ CRI

3 - the item (CRI) is indicated in the second row of the optical table indicated with the icon :

DDS835_4K_80CRI



PRODUCT FEATURES



Cuttable



Strip lenght



Power per meter



Constant current control on board



Voltage input



Type of LEDs used



Gold plated PAD



Energetic class



Efficiency Lm/W



CRI



R9



DMX/RDM

Color rendering Index

R9 controlled

DMX on board



DDS552

DDS552_ K_ CRI



	9,6 cm		5 mt		4,8 W mt		on board		24V		3014		
	Gold plated PAD		A ++		110 lm/W		CRI > 95		R9 > 80		CRI		R9

DDS552 is a 4,8 W meter led strip with 70 led 3014 per meter. To produce our indoor flexible LED strips, we use 3-step McAdam LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee

extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

unit Typical

ELECTRICAL

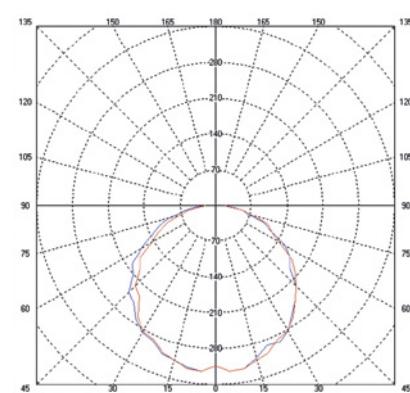
Power supply	Vdc	24
Total current	A	1
Total power	W	24
Current per meter	A	0,2
Power per meter	W	4,8

THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY

★ TEMPERATURE OPTIONS

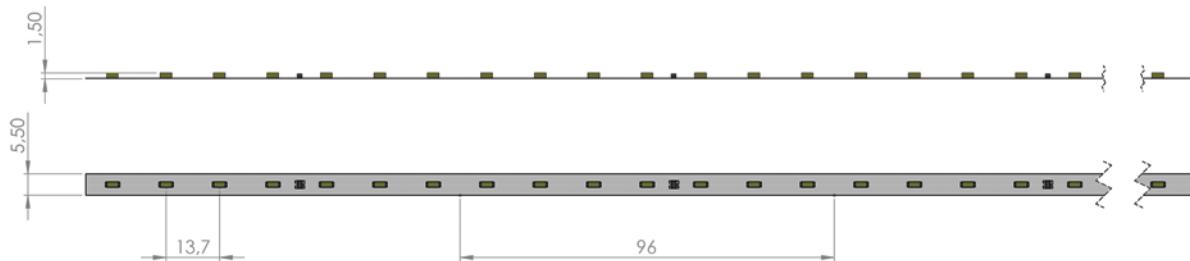


2K7

3K

4K

5K



unit Typical

OPTICAL

Led per meter	70
Led model	3014
Color rendering index (MIN)	CRI ▲
Light emission angle	>90

unit 2700k° 3000k° 4000k° 5000k°

Luminous flux per meter	lm/mt	450	480	500	530
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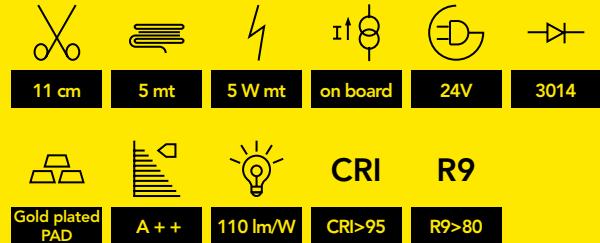
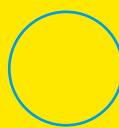
MECHANICALS

Width	mm	5,5
Lenght	mt	5
Cutting unit	cmt	9,6
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS746-A-L

DDS746-A-L_K_CRI



DDS746 is a 5W meter led strip with 63 led 3014 per meter. To produce our indoor flexible LED strips, we use 3-step McAdam LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee

extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

	unit	Typical
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ELECTRICAL

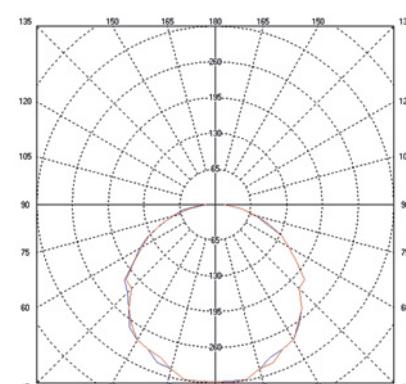
Power supply	Vdc	24
Total current	A	1,04
Total power	W	25
Current per meter	A	0,21
Power per meter	W	5

THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY

★ TEMPERATURE OPTIONS

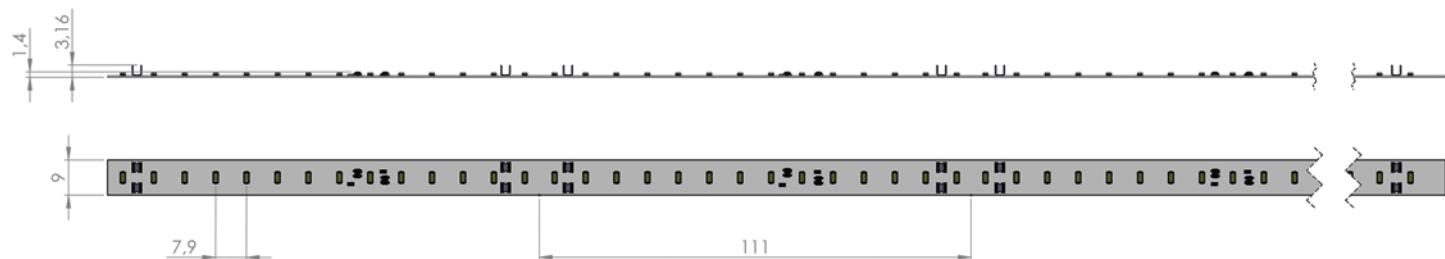


2K7

3K

4K

5K



	unit	Typical
--	------	---------

OPTICAL

Led per meter		63
Led model		3014
Color rendering index (MIN)	CRI ▲	>95 - r9=80
Light emission angle		120

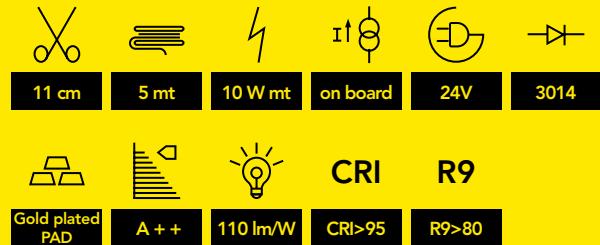
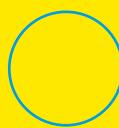
MECHANICALS

	unit	2700k°	3000k°	4000k°	5000k°		unit	Typical
Luminous flux per meter	lm	450	475	500	550		Width	mm
							Lenght	mm
							Cutting unit	cmt
							Pull Force	N
							Pelling resistance	N/mm
							Flexible resistance	Cycles
							Max curve	mm



DDS746-A

DDS746-A_ K_ CRI



DDS746 is a 10W meter led strip with 126 led 3014 per meter. To produce our indoor flexible LED strips, we use 3-step McAdam LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee

extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

	unit	Typical
--	------	---------

ELECTRICAL

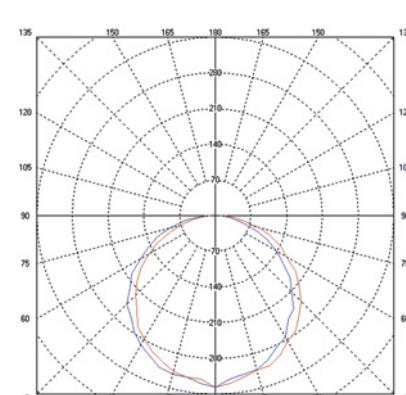
Power supply	Vdc	24
Total current	A	2,08
Total power	W	50
Current per meter	A	0,42
Power per meter	W	10

THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY

★ TEMPERATURE OPTIONS

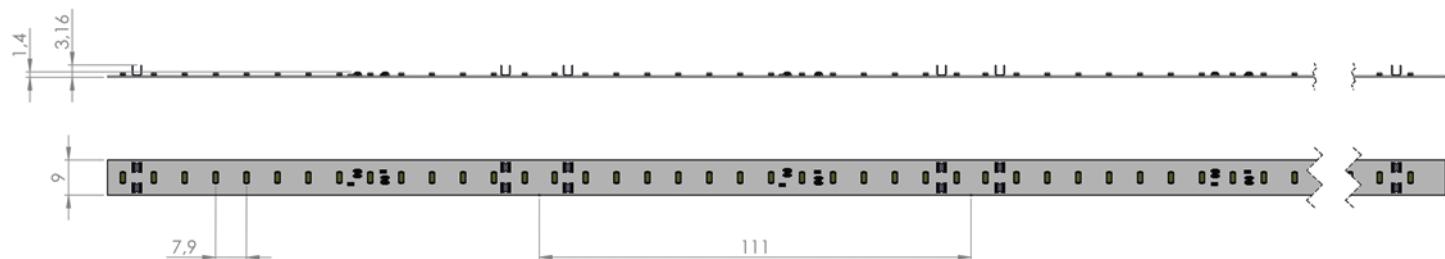


2K7

3K

4K

5K



OPTICAL

	unit	2700k°	3000k°	4000k°	5000k°
Led per meter		126			
Led model			3014		
Color rendering index (MIN)	CRI ▲		>95 - r9=80		
Light emission angle		120			
Luminous flux per meter	lm	900	950	1005	1100

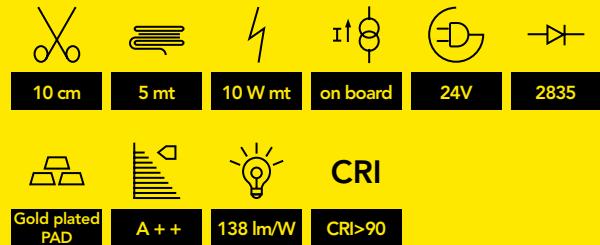
MECHANICALS

Width	mm	9
Lenght	mm	5005
Cutting unit	cmt	112,6
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS835

DDS835_ K_ CRI



DDS835 is a 10W meter led strip with 70 led 2835 per meter. To produce our indoor flexible LED strips, we use 3-step McAdam LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee

extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

unit Typical

ELECTRICAL

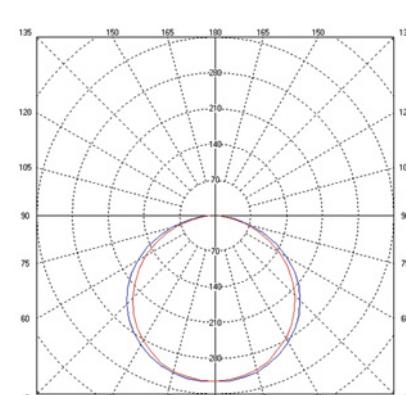
Power supply	Vdc	24
Total current	A	2,1
Total power	W	50,5
Current per meter	A	0,41
Power per meter	W	10

THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY

★ TEMPERATURE OPTIONS

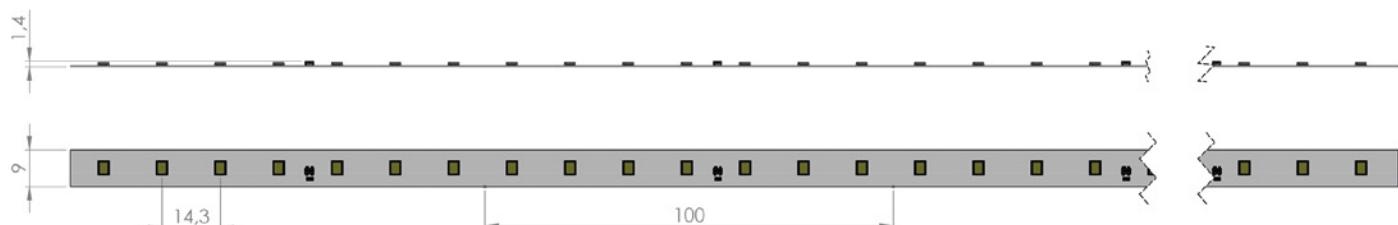


2K7

3K

4K

5K



unit Typical

OPTICAL

Led per meter	70
Led model	2835
Color rendering index (MIN)	CRI ▲
Light emission angle	120
unit	2700k° 3000k° 4000k° 5000k°

Luminous flux per meter lm 1090 1240 1290 1380

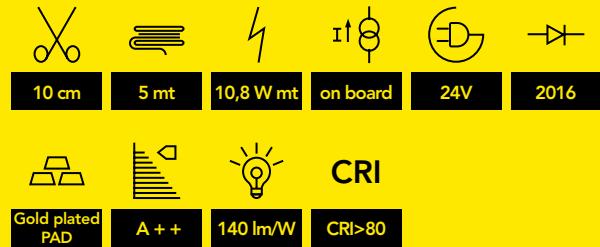
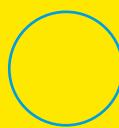
MECHANICALS

Width	mm	9
Lenght	mm	5003
Cutting unit	mm	10
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS763

DDS763_ K_ CRI



DDS763 is a 10,8W meter led strip with 70 led 2016 per meter. To produce our indoor flexible LED strips, we use 3-step McAdam LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee

extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

	unit	Typical
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ELECTRICAL

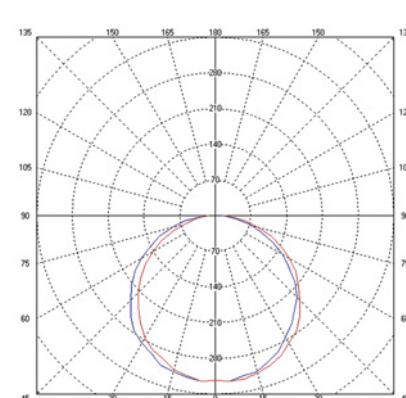
Power supply	Vdc	24
Total current	A	2,3
Total power	W	55,2
Current per meter	A	0,46
Power per meter	W	10,8

THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY

★ TEMPERATURE OPTIONS

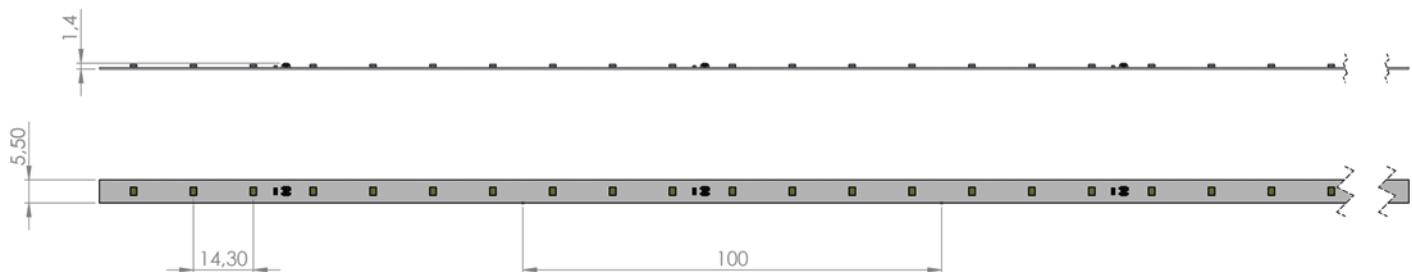


2K7

3K

4K

5K



OPTICAL

	unit	Typical
--	------	---------

Led per meter		70
Led model		2016
Color rendering index (MIN)	CRI ▲	>80
Light emission angle		120

	unit	2700k°	3000k°	4000k°	5000k°
Luminous flux per meter	lm	1500	1550	1700	1840

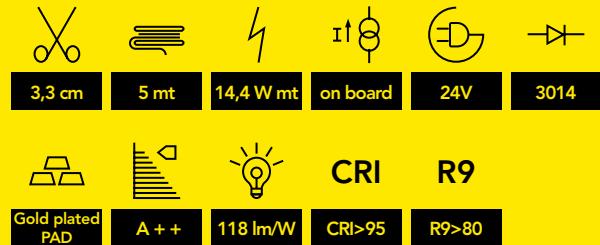
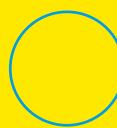
MECHANICALS

Width	mm	5,5
Lenght	mt	5
Cutting unit	cm	10
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS535

DDS535_ K_ CRI



DDS535 is a 14W meter led strip with 210 led 3014 per meter. To produce our indoor flexible LED strips, we use 3-step McAdam LEDs whit high CRI and high R9, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting suface.

All of our product features guarantee extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

unit Typical

ELECTRICAL

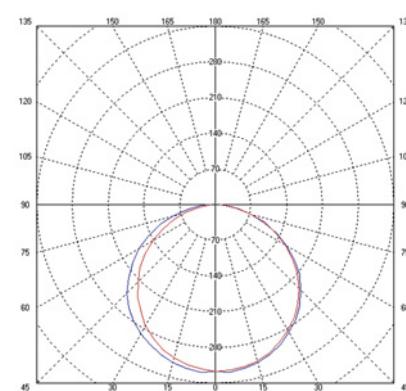
Power supply	Vdc	24
Total current	A	3
Total power	W	72
Current per meter	A	0,6
Power per meter	W	14,4

THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY

★ TEMPERATURE OPTIONS

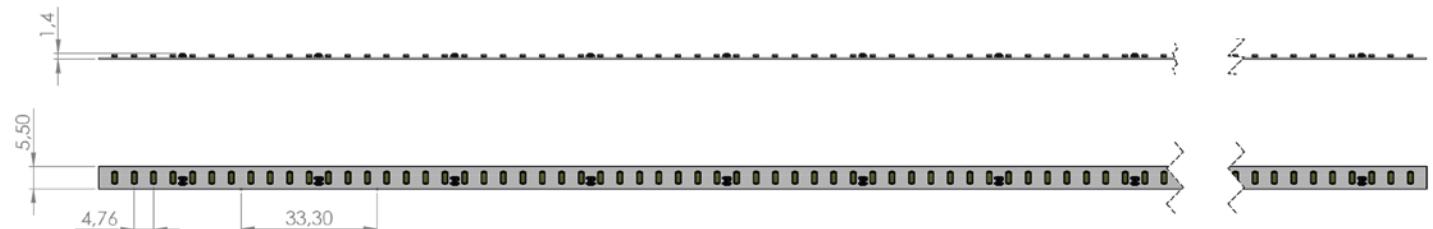


2K7

3K

4K

5K



OPTICAL

unit Typical

Led per meter		210
Led model		3014
Color rendering index (MIN)	CRI ▲	95 - r9=80
Light emission angle		120
	unit	2700k° 3000k° 4000k° 5000k°

Luminous flux per meter	lm/mt	1500	1680	1700	1710
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MECHANICALS

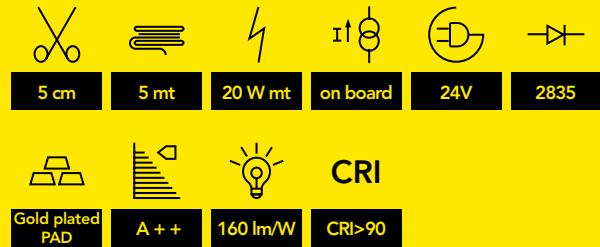
unit Typical

Width	mm	5,5
Lenght	mm	5000
Cutting unit	mm	33,3
	Max	
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS605

DDS605_ K_ CRI



DDS605 is a 20W meter led strip with 140 led 2835 per meter. To produce our indoor flexible LED strips, we use 3-step McAdam LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee

extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

unit Typical

ELECTRICAL

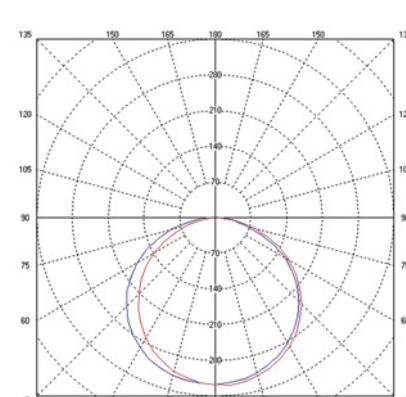
Power supply	Vdc	24
Total current		
Total power	W	4
Current per meter	A	0,82
Power per meter	W	20

THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY

★ TEMPERATURE OPTIONS



2K7

3K

4K

5K



unit Typical

OPTICAL

Led per meter		140
Led model		2835
Color rendering index (MIN)	CRI ▲	90
Light emission angle		120
	unit	2700k° 3000k° 4000k° 5000k°
Luminous flux per meter	lm	2600 2700 3000 3200

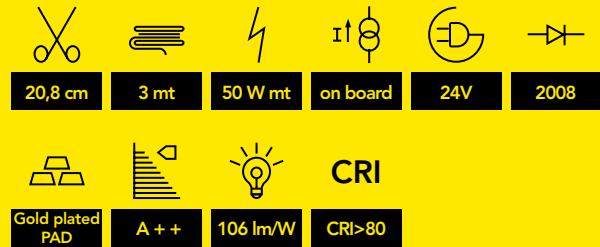
MECHANICALS

Width	mm	10
Lenght	mt	5
Cutting unit	cmt	11
	Max	
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS653

DDS653_ K_ CRI



DDS653 is a 50W meter led strip with 336 led per meter. To produce our indoor flexible LED strips, we use 3-step McAdam LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee

extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

unit Typical

ELECTRICAL

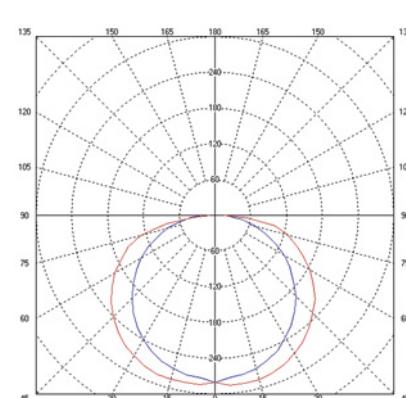
Power supply	Vdc	24
Total current	A	6,2
Total power	W	150
Current per meter	A	2,08
Power per meter	W	50

THERMAL

Operating Temperature TC	C°	60
Life Time (25C° PCB surface)	h/24	30000

PHOTOMETRY

★ TEMPERATURE OPTIONS

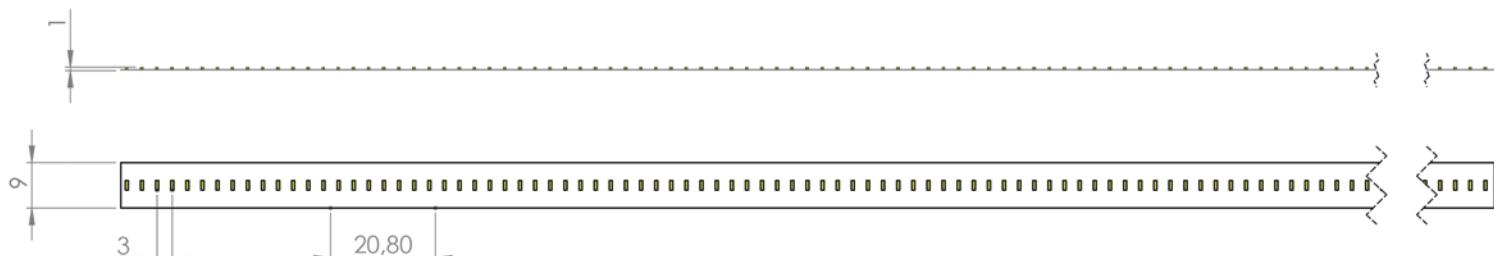


2K7

3K

4K

5K



unit Typical

OPTICAL

Led per meter		336
Led model		603
Color rendering index (MIN)	CRI ▲	>80
Light emission angle		120
	unit	2700k° 3000k° 4000k° 5000k°
Luminous flux per meter	lm/mt	5000 5100 5200 5300

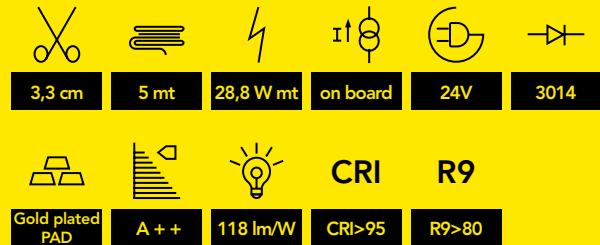
MECHANICALS

Width	mm	10
Lenght	mt	3
Cutting unit	mm	20
	Max	
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS551

DDS551_ K_ CRI



DDS551 is a 29W meter Tunable White led strip with 210 led 3014 + 210 led 3014 per meter. To produce our indoor flexible LED strips, we use 3-step McAdam LEDs whit hig CRI and hig R9, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting suface.

All of our product features guarantee extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

unit Typical

ELECTRICAL

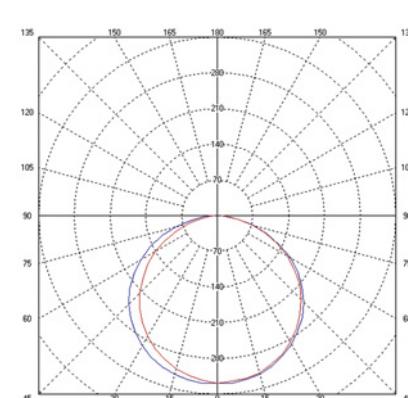
Power supply	Vdc	24
Total current	A	6
Total power	W	144
Current per meter	A	1,2
Power per meter	W	28,8

THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY

★ TEMPERATURE OPTIONS

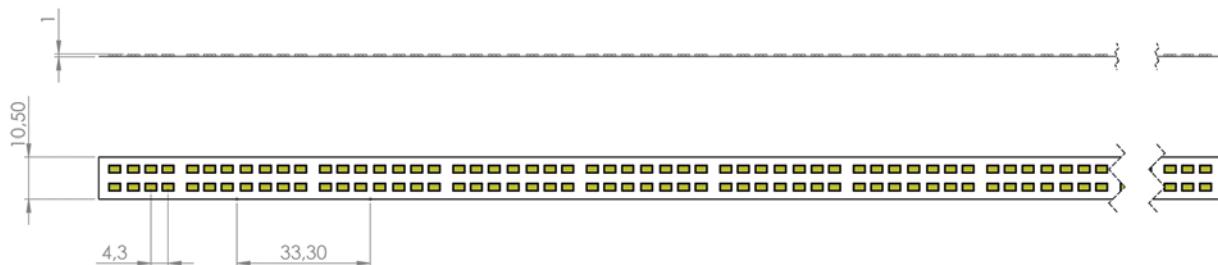


2K7

3K

4K

5K



unit Typical

OPTICAL

Led per meter	210+210
Led model	3014
Color rendering index (MIN)	CRI ▲
	>95 - r9=80
Light emission angle	120
unit	2700k° 3000k° 4000k° 5000k°

Luminous flux per meter lm/mt 1500 1550 1600 1650

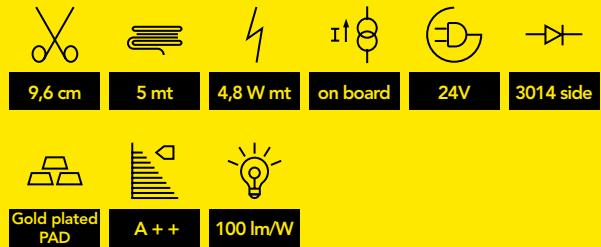
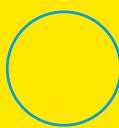
MECHANICALS

Width	mm	10,5
Lenght	mt	5
Cutting unit	mm	33
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS552-SIDE

DDS552-SIDE_ K_ CRI



DDS552-SIDE is a 4,8 W meter led strip with 70 led 3014 SIDE Emitting per meter. To produce our indoor flexible LED strips, we use 3-step McAdam LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee

extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

unit Typical

ELECTRICAL

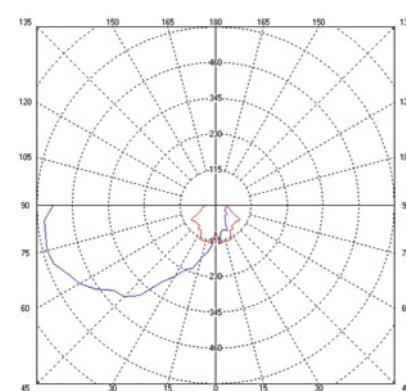
Power supply	Vdc	24
Total current	A	1
Total power	W	24
Current per meter	A	0,2
Power per meter	W	4,8

THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY

★ TEMPERATURE OPTIONS

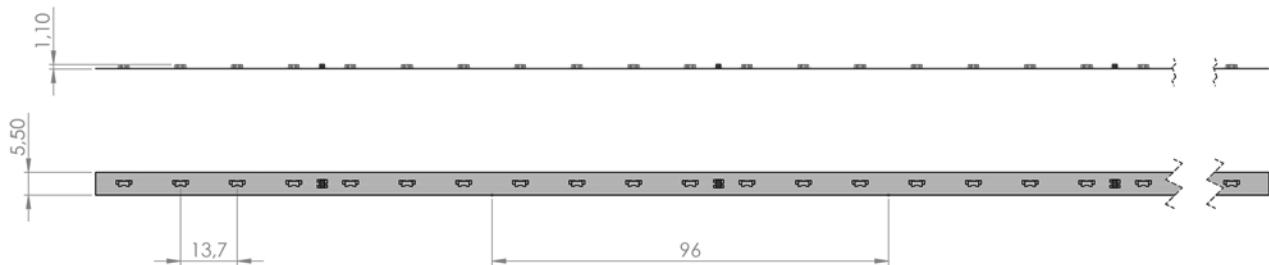


2K7

3K

4K

5K



unit Typical

OPTICAL

Led per meter	70
Led model	3014 - SIDE
Color rendering index (MIN)	CRI ▲ 80
Light emission angle	side 120
unit	2700k° 3000k° 4000k° 5000k°

Luminous flux per meter lm/mt 420 430 440 480

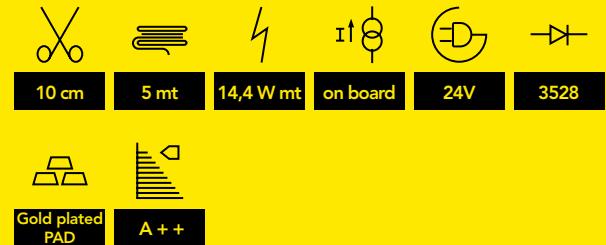
MECHANICALS

Width	mm	5,5
Lenght	mt	5
Cutting unit	cmt	9,6
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS532

DDS532



DDS532-DMX is a 14,4 W meter led strip with 50 led RGB 3528 per meter. To produce our indoor flexible LED strips, we use high quality RGB LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee

extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

	unit	Typical
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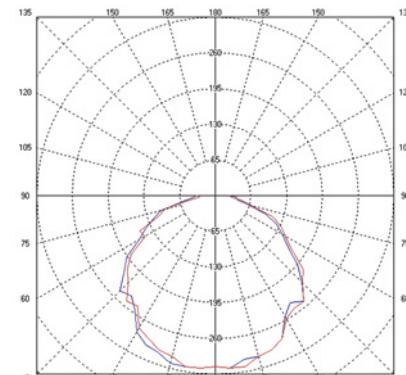
ELECTRICAL

Power supply	Vdc	24
Total current	A	3
Total power	W	72
Current per meter	A	0,6
Power per meter	W	14,4

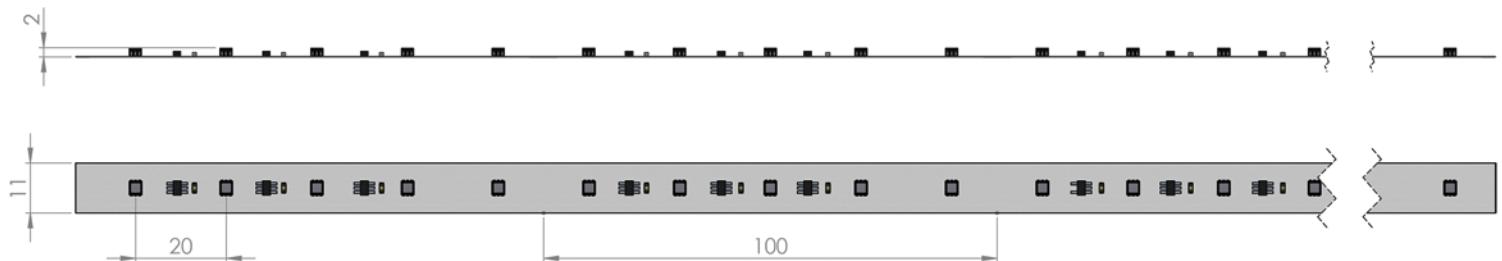
THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY



TEMPERATURE OPTIONS



OPTICAL

	unit	Typical
--	------	---------

Led per meter		50
Led model	RGB	3528
Light emission angle		120
Luminous efficiency	W/m	32
Luminous intensity per meter/Red	cd/mt	32,5
Luminous intensity per meter/Green	cd/mt	95
Luminous intensity per meter/Blu	cd/mt	19

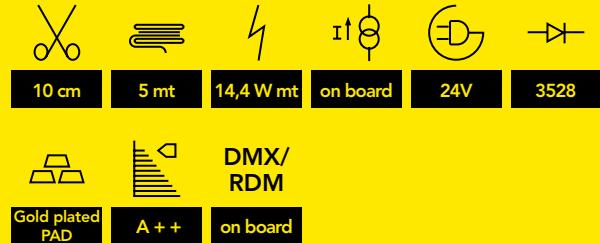
MECHANICALS

Width		
Lenght		
Cutting unit		Max
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS532-DMX

DDS532-DMX



DDS532-DMX is a 14,4 W meter led strip with 50 led RGB 3528 per meter and DMX/RDM controller embedded. To produce our indoor flexible LED strips, we use high quality RGB LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting suface.

All of our product features guarantee extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

	unit	Typical
--	------	---------

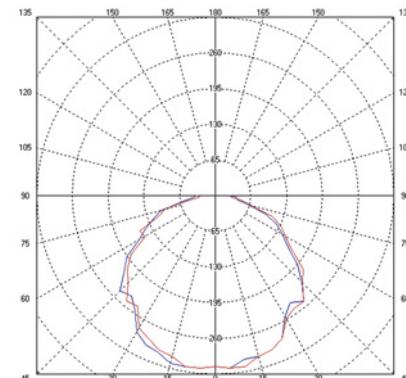
ELECTRICAL

Power supply	Vdc	24
Total current 5 meter	A	3,1
Total power	W	74,4
Current per meter	A	0,6
Power per meter	W	14,4

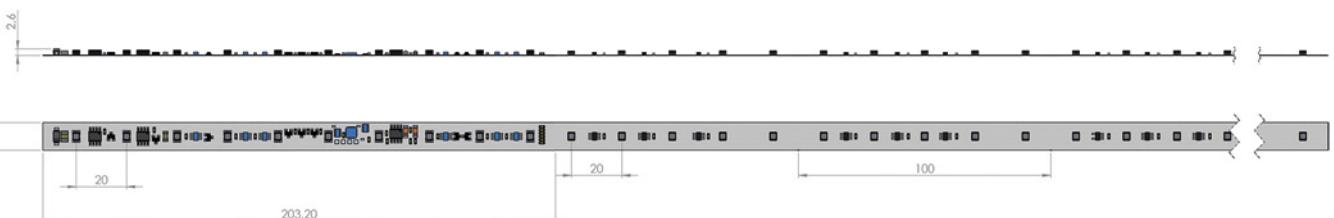
THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY



TEMPERATURE OPTIONS



OPTICAL

	unit	Typical
--	------	---------

Led per meter		50
Led model	RGB	3528
Light emission angle		120
Luminous efficiency	W/m	32
Luminous intensity per meter/Red	cd/mt	32,5
Luminous intensity per meter/Green	cd/mt	95
Luminous intensity per meter/Blu	cd/mt	19

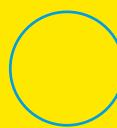
MECHANICALS

Width	mm	11
Lenght	mt	5
Cutting unit	cmt	10
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS554

DDS554_K



	7,75 cm		5 mt		28,8 W mt		on board		24V		3014+ 3528
	Gold plated PAD		A++		CRI		R9		CRI>95		R9>80

DDS554 is a 29W meter RGB- White led strip with 168 led 3014 + 84 led RGB per meter. To produce our indoor flexible LED strips, we use 3-step McAdam and high quality RGB LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting suface.

All of our product features guarantee extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

	unit	Typical
--	------	---------

ELECTRICAL

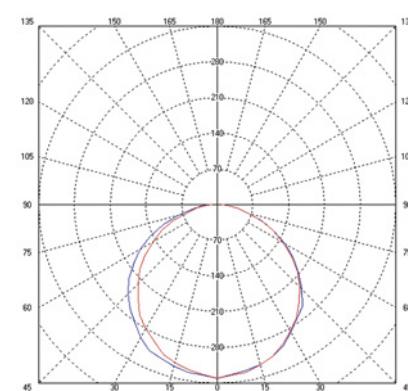
Power supply	Vdc	24
Total current	A	6
Total power	W	144
Current per 0,96mt	A	1,2
Power per 0,96mt	W	28,8

THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	40000

PHOTOMETRY

★ TEMPERATURE OPTIONS



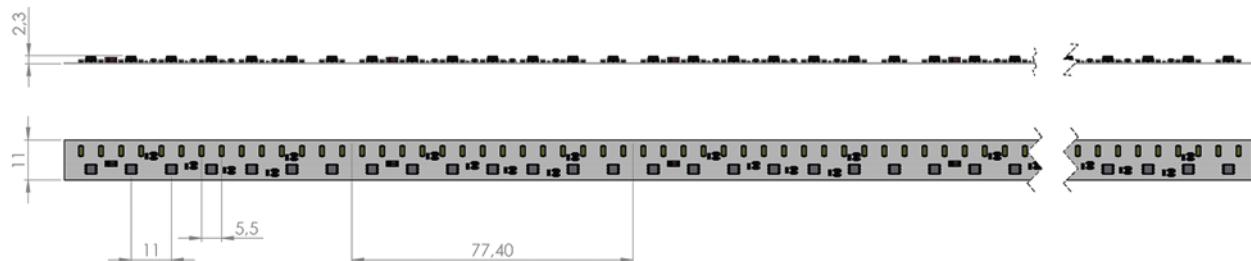
2K7

3K

RGB

4K

5K



	unit	RGB	WHITE
--	------	-----	-------

OPTICAL

Led per 0,96mt		84	3528
Led model		3528	3014
Color rendering index (MIN)	CRI	>95 - r9=80	
Light emission angle		120	
Luminous efficiency	W/lm	70	
Luminous intensity per meter/Red	cd/mt	59	
Luminous intensity per meter/Green	cd/mt	173	
Luminous intensity per meter/Blu	cd/mt	35	

3000k°

Led model	lm	1176
-----------	----	------

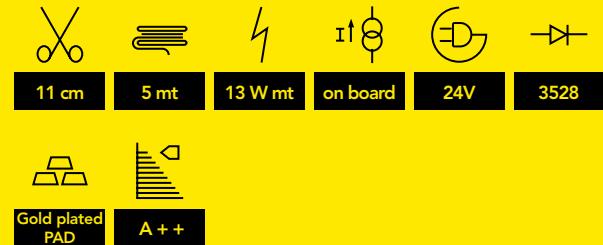
MECHANICALS

Width	mm	11
Lenght	mt	4,8
Cutting unit	mm	80
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS737

DDS737



DDS737 is a 14,4 W meter led strip with 54 led RGB 3528 per meter. DDS737 can be controlled with three wires (two power and one signal). Strip control is done in independent section through serial signal, we suggest to use our DDS874 to control this led strip. To produce our indoor flexible LED strips, we use high quality RGB LEDs, gold plated flexible double side PCB

and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to the mounting surface. All of our product features guarantee extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

	unit	Typical
--	------	---------

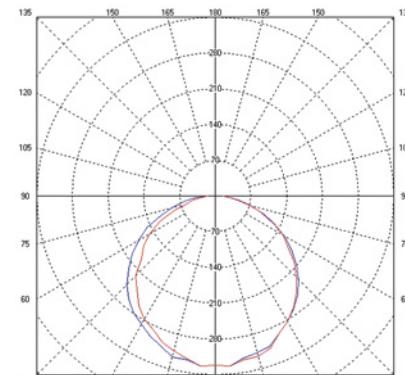
ELECTRICAL

Power supply	Vdc	24
Total current	A	2,7
Total power	W	65
Current per meter	A	0,54
Power per meter	W	13

THERMAL

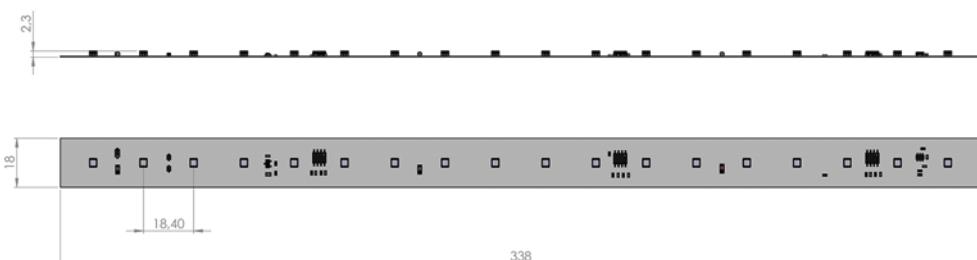
Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY



TEMPERATURE OPTIONS

RGB



	unit	Typical
--	------	---------

OPTICAL

Led per meter		54
Led model		3528
Light emission angle		120
Luminous efficiency	W/lm	40
Luminous intensity per meter/Red	cd/mt	35
Luminous intensity per meter/Green	cd/mt	103
Luminous intensity per meter/Blu	cd/mt	21

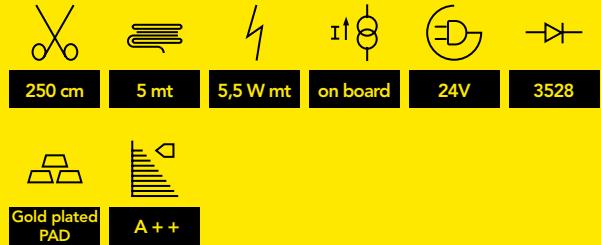
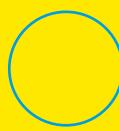
MECHANICALS

Width	mm	18
Lenght	mt	5
Cutting unit	mm	110
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



DDS900-SPI

DDS900-SPI



DDS900-SPI is a 5,5 W meter led strip with 56 led 3528 RGB per meter. DDS900-SPI for MBI use SPI protocol to control each led individually. To produce our indoor flexible LED strips, we use RGB high quality LEDs, gold plated flexible double side PCB and constant current control inside the LED strip. Thermal conductive adhesive tape guarantees perfect heat transfer to

the mounting surface. All of our product features guarantee extra long lifetime and stable performance. Our flexible LED light strips are designed for long term professional lighting applications and perfectly fit in any linear applications.

TECHNICAL SPECIFICATION

	unit	Typical
--	------	---------

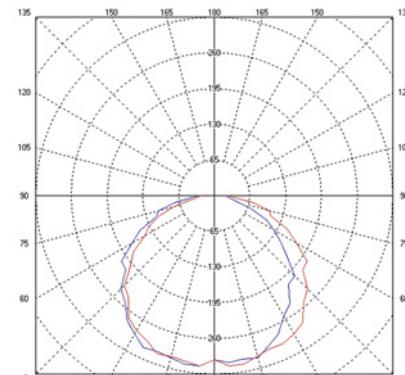
ELECTRICAL

Power supply	Vdc	24
Total current	A	1,1
Total power	W	26
Current per meter	A	0,22
Power per meter	W	5,5

THERMAL

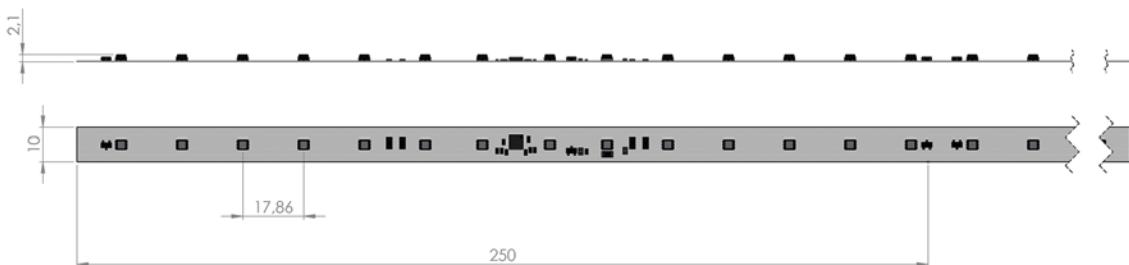
Operating Temperature TC	C°	75
Life Time (25C° PCB surface)	h/24	55000

PHOTOMETRY



TEMPERATURE OPTIONS

RGB



	unit	Typical
--	------	---------

OPTICAL

Led per meter		56
Led model		3528
Light emission angle		120
Pixel per meter		4
Luminous efficiency	W/m	32
Luminous intensity per meter/Red	cd/mt	33
Luminous intensity per meter/Green	cd/mt	55
Luminous intensity per meter/Blu	cd/mt	15

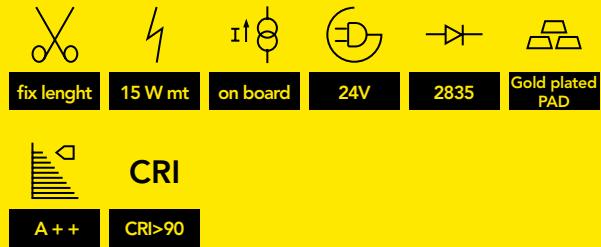
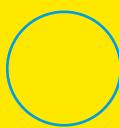
MECHANICALS

Width	mm	10
Lenght	mt	4,5
Cutting unit	mm	250
Pull Force	N	1
Pelling resistance	N/mm	0,8
Flexible resistance	Cycles	8
Max curve	mm	100



SILICONE 1515

SILICONE1515_ K_ mt



Silicone 1515 it is a silicon rubber tube encapsulating 15W/meter strip led, with IP65 connector male and female depending on request. several lenght are available. 0,5 meter, 1mt, 2mt, 3mt, 4mt, 5mt. Available Color 2k7, 3k, 4k, 5k.

TECHNICAL SPECIFICATION

	unit	Typical
--	------	---------

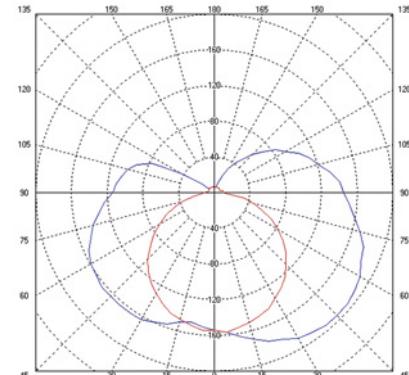
ELECTRICAL

Power supply	Vdc	24
Total current	A	3,2
Total power	W	75
Current per meter	A	0,6
Power per meter	W	15

THERMAL

Operating Temperature TC	C°	70
Life Time (25C° PCB surface)	h/24	50000

PHOTOMETRY



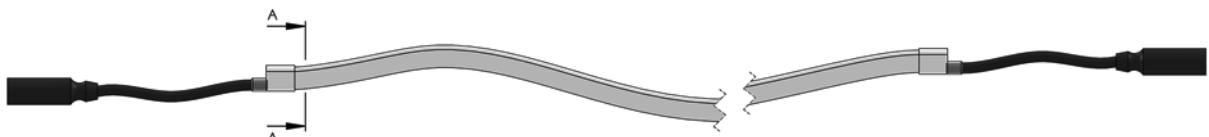
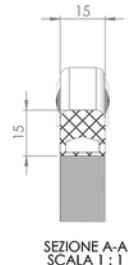
★ TEMPERATURE OPTIONS

2K7

3K

4K

5K



OPTICAL

	unit	Typical
--	------	---------

Led per meter		140			
Led model		2835			
Light emission angle		140			
Luminous efficiency	lm/W	100			
	unit	2700k°	3000k°	4000k°	5000k°
Luminous flux per meter	lm/mt	900	950	1000	1100

MECHANICALS

Width	mm							15x15
Available Length	mt	0,5	1	2	3	4	5	

HOW TO FILL IN THE PRODUCT CODE?

1 - code to be completed:

SILICONE1515_ K _mt

2 - the item (K) is indicated in the temperature options indicated with the icon ★:

DDS738_3K _mt

3 - the item (mt) is indicated in the second row of the MECHANICALS table:

DDS738_3K_2mt

CUSTOM OverFLEXI

If you are thinking about something you have not seen on these pages, let's talk about it, and then create it together. We are open to design and produce customized solutions



We can design led stri according with customer cut unit request

CRI

Color rendering Index from 80 to >95



We can customize total lenght of led strip or make led strip with customized lenght with connection and cables

R9

We can control R9 in order to give you the best quality of light



Using the latest Leds technology available we can offer best solution in terms of Lumen/W efficiency

**DMX/
RDM**

DMX embedded addressable through RDM



We can tuning watt/meter power in order to reach customer requests

SPI

SPI embedded to control each single LEDs



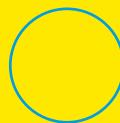
Voltage Input customizable from 12V to 48V and more

**IP
RATE**

We can design solution IP20 or SILICONE strip with customized dimensions and shape



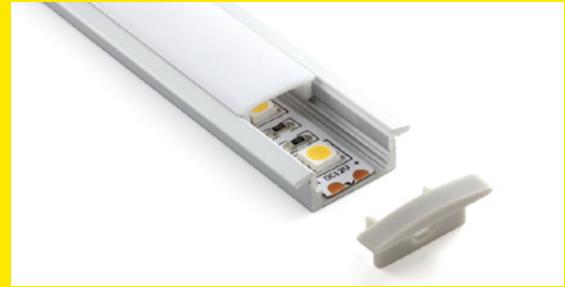
We can use all the possible solutions in terms of LEDs, starting from CSP, Flip Chip to Power LEDs





ACCESSORIES

Aluminum channels and power supply



Overled
professional lighting

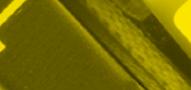
MADE IN ITALY

IP20



POWER SUPPLY
INPUT

100-240V_{AC} 50/60Hz
150-300V_{DC}
0.8-1.8A
170W 176VA PF>0.92 ta: 45°



N



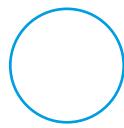
POWER OF

STATUS

FAILURE

OUT

X-RDM



DRIVERled

DRIVERled offering is designed for energy efficient, long lasting, high quality, professional lighting applications.

Including dimmable LED drivers, or DMX/RDM dimmable drivers, can be used as part of standalone lighting system or bigger building management systems.

Thanks to DRIVERled technology is possible to dim in PWM (from 100% to 5%) directly to VAC thus avoiding wiring and saving costs.

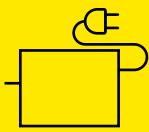
La gamma di alimentatori DRIVERled è progettata per sistemi di illuminazione professionale per assicurare efficienza energetica e lunga durata del prodotto.

I DRIVERled dimmerabili in PWM o DMX/RDM possono essere usati dai semplici sistemi stand alone fino a sistemi complessi per gestione illuminazione di edifici.

Grazie alla tecnologia DRIVERled è possibile dimmerare in PWM (dal 100% al 5%) direttamente sulla VAC evitando così cablaggi e risparmiando costi.

PRODUCT FEATURES

AC INPUT	DMX/ RDM	0/10 V	PWM	REMOTE CONTROL
Voltage Input	Controlled by DMX, addressed through	Dimmable through 0-10V signal	Dimmable through PWM signal	Controlled by IR remote control
Pmax	ONE WIRE	SPI	ART/ NET	
Max Power available	Controlled by One Wire signal	Controlled by Serial protocol	Compatible with ART-NET protocol	



DDS738

DDS738_ V

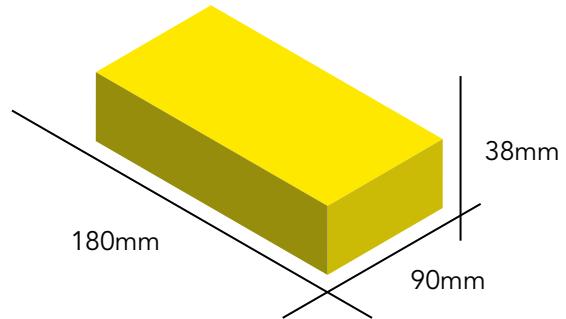
AC
INPUT PWM
190-240V compatible



DDS738 is a Dimmable Power supply for strip led. Dimming is cut phase leading edge or trailing edge. Output signal is PWM that allows to save 0-10V signal, wiring and sapce. All the system work only with DDS738 + Strip led



TECHNICAL SPECIFICATION	unit	Typical	SIZE
Power supply	Vdc	230	
Power input	W	60	
Power out 24vdc	A	4	
Power out 12Vdc	A	8	
Number of channels output		1	
Dimmable on trailing/leading edge		IGBT/TRIAC	
PWM out		PWM out on phase cut	
Operating Temperature	°C	-10 to +54	
Relative humidity		80%	
Width	mm	180x90x38	



CODE	unit	Typical
DDS738	V	12
DDS738	V	24

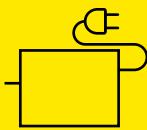
HOW TO FILL IN THE PRODUCT CODE?

1 - code to be completed:

DDS738_ V

2 - the item (V) is indicated in the CODE table:

DDS738_12V



DDS874

DDS874

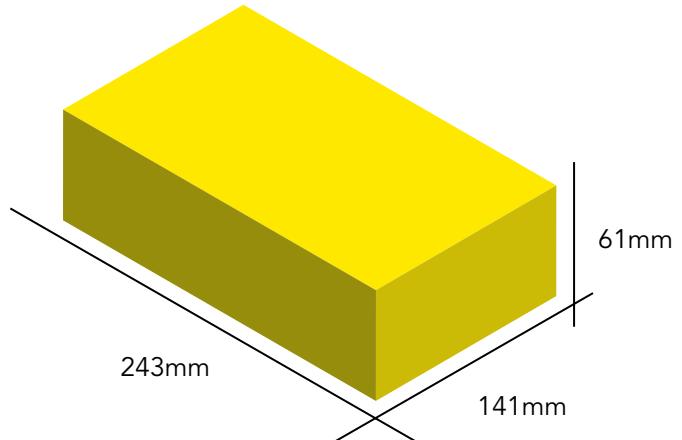
AC INPUT	DMX/RDM	PWM	ONE WIRE
100-265 V	on board	compatible	compatible

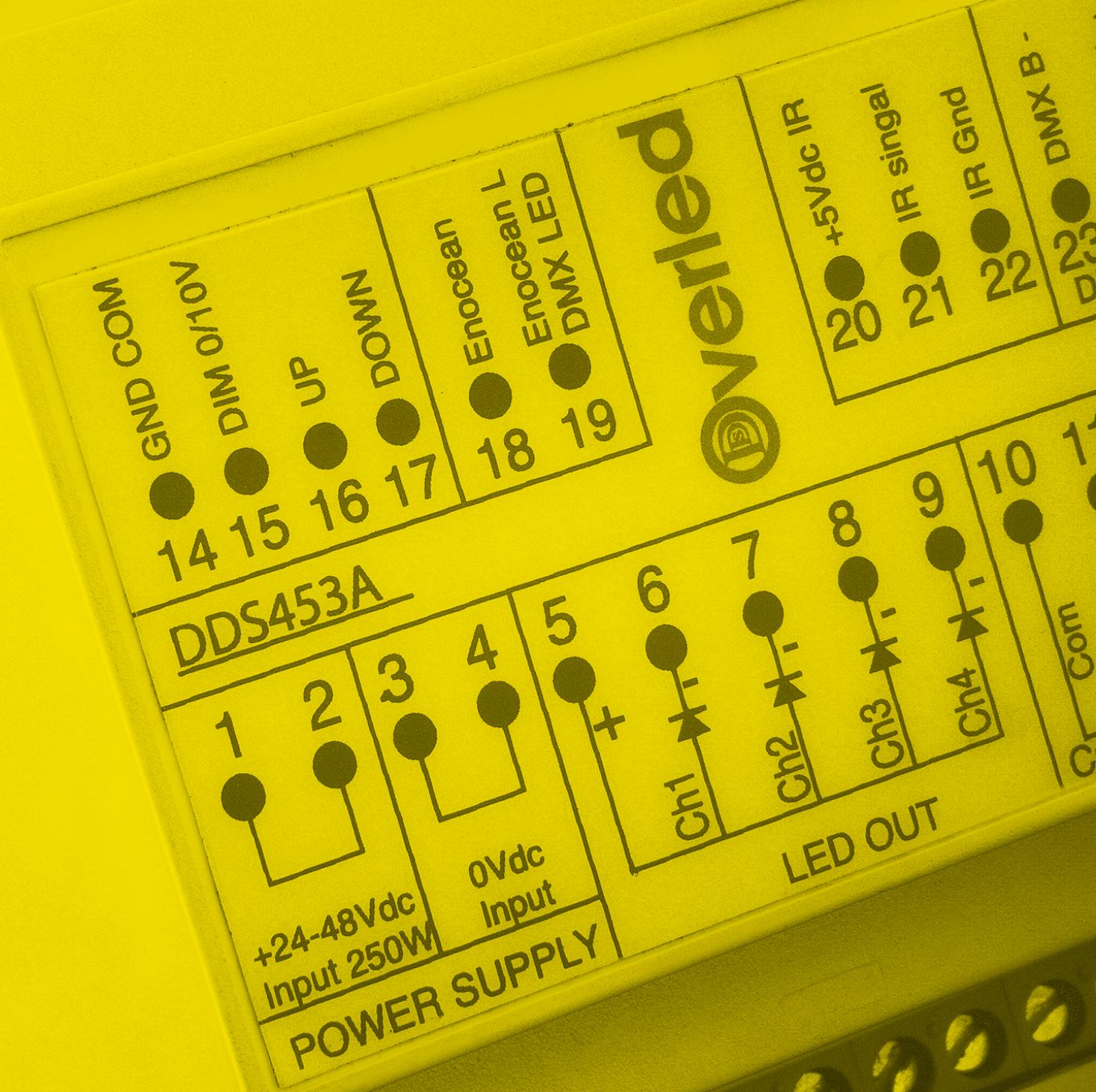


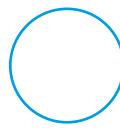
DDS874 is a DMX / RDM controller with 4 PWM constant voltage output and two One Wire outputs, (able to control our DDS757 strip led) with 100-260 V input DDS874 total power is 300W, DMX/RDM is optically insulated from power supply



TECHNICAL SPECIFICATION	unit	Typical	SIZE
Power supply	Vac or Vdc	100-260 or 300	
Power out	W	300	
DMX		optoisolated USITT 512	
DMX addressing		RDM	
Number of channels output		4 max 300W total	
Number of one wire output		2 max 300W	
Emergency input		1 full output	
RDM		RDM 2.0	
Operating Temperature	°C	-10 to +54	
Relative humidity		80%	
Size	mm	243x141x61	







CONTROLLERled

CONTROLLERled is a collection of intelligent solutions for LED based lighting systems.

We develop our technologies in Italy to offer to our customers to deliver the promise of LED lighting: smarter and more efficient systems to achieve the best performance required. All the solutions you will ever need for LED lighting applications.

The CONTROLLERled products cover applications starting from single white colour to RGBW for full-colour entertainment product solutions.

All industry control protocols are covered: DMX/RDM, DALI, SPI, 1-10V, PWM you'll not run out of control with CONTROLLERled.

CONTROLLERled è una gamma di sistemi di controllo per i sistemi di illuminazione a led.

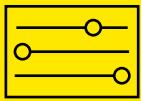
Sviluppiamo la nostra tecnologia nella nostra sede Italiana per offrire ai nostri clienti soluzioni che rendano i loro sistemi di illuminazione più intelligenti ed efficienti e raggiungere il massimo livello di prestazioni possibile.

La gamma CONTROLLERled copre applicazioni che vanno dal semplice controllo della luce bianca fino a controlli per illuminazione RGBW.

Tutti i protocolli di controllo sono previsti: DMX/RDM, DALI, SPI, 1-10V, PWM

PRODUCT FEATURES

AC INPUT	DMX/ RDM	0/10 V	PWM	REMOTE CONTROL
Voltage Input	Controlled by DMX, addressed through	Dimmable through 0-10V signal	Dimmable through PWM signal	Controlled by IR remote control
Pmax	ONE WIRE	SPI	ART/ NET	
Max Power available	Controlled by One Wire signal	Controlled by Serial protocol	Compatible with ART-NET protocol	



DDS344

DDS344

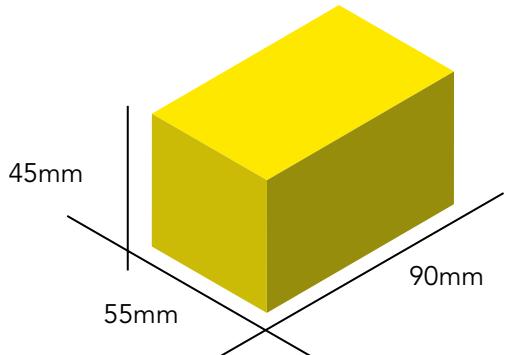
AC INPUT DMX/RDM 0/10 V PWM Pmax
 12-24 V on board compatible compatible 144W

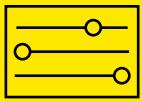


DDS344 is a DMX/RDM controller, 0-10V or potentiometer with 3 outputs in constant voltage and low voltage input. DDS344 is produced in DIN rail mounting case with screw terminal connection.



TECHNICAL SPECIFICATION	unit	Typical	SIZE
Power supply	Vdc	24	
Total current	A	6	
Total power	W	144	
DMX/RDM		not insulated	
Number of Chanel		3 open drain Mosfet	
RDM		RDM 2.0	
Operating Temperature	°C	-10 to +54	
Relative humidity		70%	
Storage Temperature	Tst	-20 to +85	
DIN bar mounting	mm	55x90x45	





DDS453-B

DDS453-B_ W_ IR

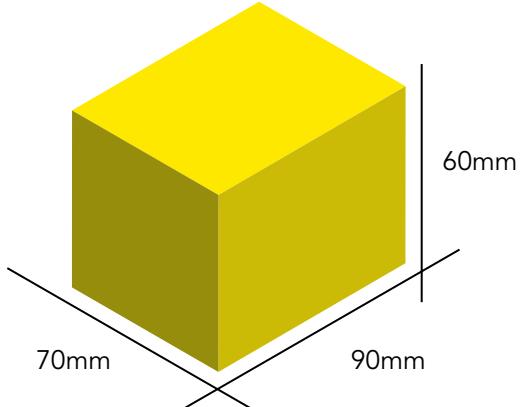
AC INPUT	DMX/RDM	0/10 V	PWM	REMOTE CONTROL
24-48 V	on board	compatible	compatible	compatible

Pmax
550W

DDS453-B is a DMX/RDM controller, or Infrared remote controller with 4 outputs in constant voltage (or constant current).



TECHNICAL SPECIFICATION	unit	Typical	SIZE
Power supply	Vdc	24-48	
Power out (in voltage mode)	W	550	
Power out (in current mode)	W	120	
DMX		not insulated	
DMX addressing		self addressing or RDM	
Number of channels output		4	
RDM		RDM 2.0	
Operating Temperature	°C	-10 to +54	
Relative humidity		70%	
Storage Temperature	Tst	-20 to +85	
DIN bar mounting	mm	70x90x60	

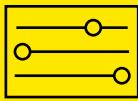


HOW TO FILL IN THE PRODUCT CODE?

DDS453-B-V (voltage output mode)

DDS453-B-I (current output mode)

DDS453-B-xx-IR (Remote control option)



DDS555

DDS555

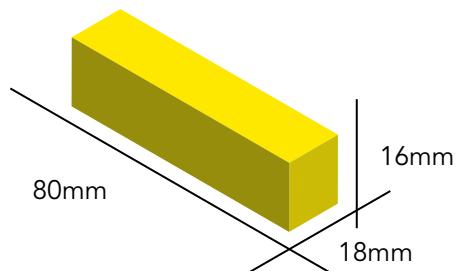
AC INPUT	DMX/RDM	0/10 V	PWM	REMOTE CONTROL
12-24 V	on board	xxxxx	compatible	compatible

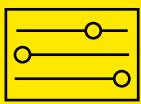
Pmax
130W

DDS555 is a DMX/RDM controller, IR remote controller with 3 outputs in constant voltage and low voltage input. DDS555 is produced in OEM board with fast terminal connection.



TECHNICAL SPECIFICATION	unit	Typical	SIZE
Power supply	Vdc	24	
Total power	W	150	
DMX		USITT 512	
RDM		RDM 2.0	
Number of channels output		3 open Drain mosfet	
OEM module			
Operating Temperature	°C	-10 to +54	
Relative humidity		70%	
Storage temperature	Tst	-20 to +85	





DDS643

DDS643

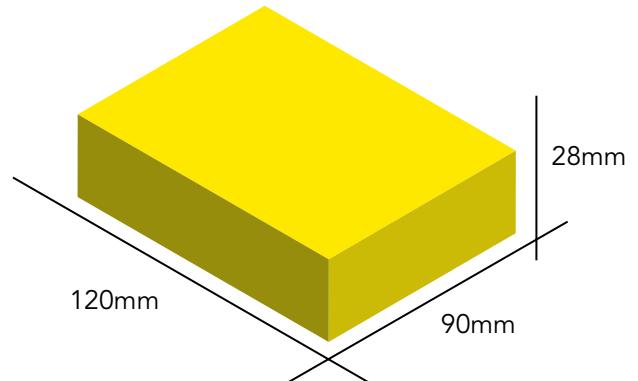


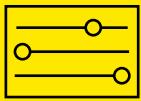
AC INPUT	DMX/RDM	Pmax
9-24 V	on board	100W

DDS643 is a DMX Generator able to control small and medium installation. DDS643 has manual color selection or preprogrammed show. DDS643 it also has a dedicated area to manage dynamic white (2700K-6500K). This DMX generator is designed to work automatically with our DMX/RDM controller DDS344 and DDS453.



TECHNICAL SPECIFICATION	unit	Typical	SIZE
Power supply	Vdc	9-24	
Total power	W	100	
DMX		512usitt	
DMX addressing		auto addressing DDS344/DDS453	
Number of channels output		7	
Operating Temperature	°C	70	
Relative humidity		80%	





DDS870

DDS870

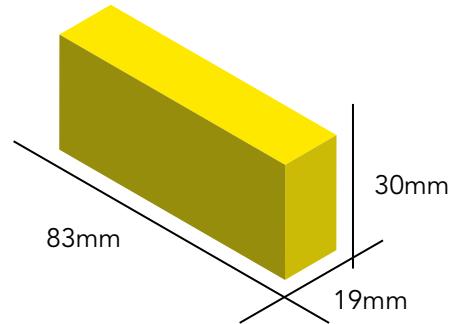
AC INPUT	DMX/RDM	PWM	Pmax
24-48 V	on board	compatible	390W

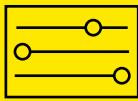


DDS870 is a DMX/RDM controller with 4 outputs in constant voltage and low voltage input. DDS870 is produced plastic case with fast terminal connection.



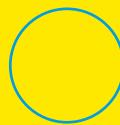
TECHNICAL SPECIFICATION	unit	Typical	SIZE
Power supply	Vdc	24-48	
Total power	W	8,1A @48V 390W	
DMX		USITT 512	
DMX addressing		RDM	
Number of channels output		4	
PWM		16Bit logarithm curve	
Operating Temperature	°C	-10 to +54	
Relative humidity		70%	
Width	mm	83x19x30	





T-REX PRO

T-REX PRO



AC INPUT	DMX/RDM	SPI	ART/NET
90-264 V	on board	compatible	compatible

This product is suited for application in video Wall or for a large number of universe application, this unit receive ART and convert to serial mode, using CK and DATA in synchronous mode, this allow very fast communication between led driver. T-Rex Pro have 8 channel, capable to drive up to 1024 RGB pixel each output, at very high speed, the synchronous signal is amplified by luminaire and it is also self addressed by each light segment connected. The power supply for the luminaire must applied externally and can be from 12 up to 48 vdc. The distance from T-Rex Pro and luminaire must be less then 15 mt., a female IP67 M12 connector is provided for the output a 3 pole for power supply (100-260vac, or 350 vdc max.). Skin top for Ethernet cable is provided for connection to network at 100mb, graphic display is for setting and luminaire verification.



TECHNICAL SPECIFICATION

8 synchronous port

max 1024 RGB pixel per port

Total pixel per unit 8192

Total DMX address 24576

Total universe per T-Rex Pro 48

Ethernet 100mb interface

ART NET compatible

Video RAPTOR compatible (video converter to ART NET 3000 DMX universe) - all Artnet sw

Power supply 100-260vac 50-60hz 150-350vdc 30W

IP rating 65

Display setting

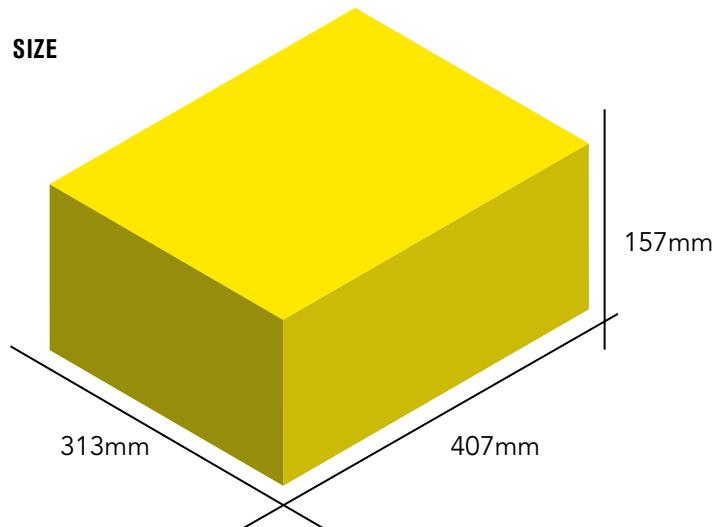
Refresh rate 60 fps max

T-REX PRO

Operating temperature -20 up to + 80

Die cast aluminium box ip 65, very robust

SIZE





NOTE





DDS si riserva il diritto di apportare ai propri modelli in ogni momento senza nessun preavviso,
qualsiasi modifica ritenesse opportuna.

DDS reserves the right to introduce any changes to its own models, without prior notice.

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