

# STARLINE

STARLINE

## Lente

diffusore di copertura e lente in policarbonato anti UV resistente ad urti, vibrazioni, dilatazioni termiche e usura nel tempo.

- Optic: End caps and optic anti UV polycarbonate diffuser totally choc, vibration and thermal dilatation resistant.
- Linse: Abdeckung und Linse aus UV beständigem Polycarbonat, stoßfest, beständig gegen Vibrationen und Wärmedehnung, verschleißfest und mit langer Lebensdauer.
- Optique: Diffuseur de couverture et optique en polycarbonate anti UV résistant au choc, vibrations, dilatations thermique usure dans le temps.
- Lente: difusor de cobertura y lente en policarbonato anti UV resistente a golpes, vibraciones, dilataciones térmicas, desgaste a lo largo del tiempo.

## Corpo

in alluminio estruso anodizzato

- Frame: In anodised aluminium.
- Gehäuse: Aus eloxiertem Strangpressprofil.
- Corps: En aluminium anodisé.
- Cuerpo: en aluminio extruido anodizado.

## Viti

in acciaio inox flangiate dotate di guarnizioni in silicone.

- Screws: In Stainless steel.
- Schrauben: Aus Edelstahl, geflanscht, mit Silikondichtung.
- Vises: En INOX.
- Tornillos: en acero inoxidable rebordeado con juntas en silicona.

## Connettori rapidi fissi

in metallo nichelato IP68 con giunzione a ghiera precablati con cavo spirale in PUR.

- Fast fixed connectors: In nickel metal IP68 with ring junction already cabled with PUR cable.
- Fest verankert Stecker mit Schnellverschluss: Aus vernickeltem Metall IP68 mit Ringschraubendichtung, vorverkabelt mit Spiralkabel aus PUR.
- Connecteurs rapide fixe: En métal niquelé IP68 avec jonction a bague précablé avec câble en PUR.
- Conectores rápidos fijos: en metal niquelado IP68 con unión a anillo pre-cableados con cable entorchado en PUR.

## Staffa

in alluminio anodizzato con indicatore gradi di inclinazione e viti di bloccaggio in acciaio.

- Bracket: Anodised aluminium with degree inclination indicator and blocking screws in steel.
- Bügel: Aus eloxiertem Aluminium mit Angabe vom Neigungswinkel und Feststellschraube aus Stahl.
- Etrier: En aluminium anodisé avec indicateur de degré d'inclinaison et vises de blocage en acier.
- Estribo: en aluminio anodizado con indicador grados de inclinación y tornillos de bloqueo en acero.

## Connettori rapidi mobili

- Mobile fast connectors
- Mobile Stecker mit Schnellverschluss
- Connecteurs rapide mobiles
- Conectores rápidos móviles

## Tappo

in pressofusione di alluminio verniciato a polveri con doppia uscita cavi.

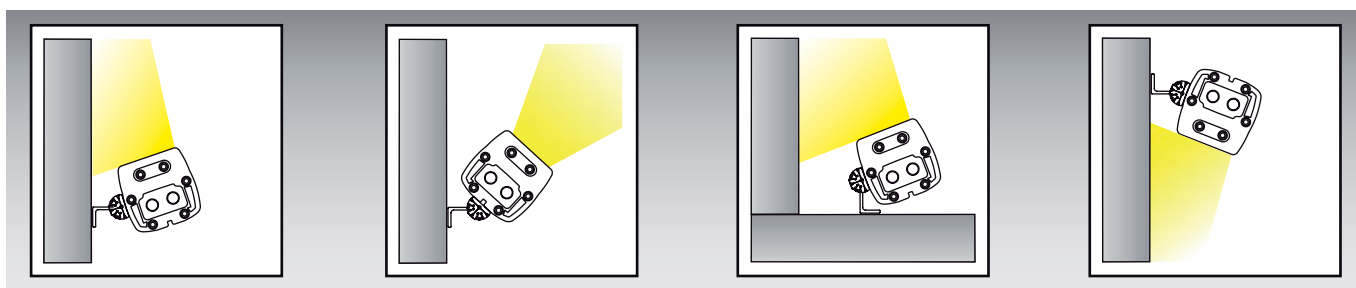
- Caps: Die casting Aluminium with double cable.
- Verschluss: Aus eloxiertem Aluminium-Strangpressprofil mit Pulverlackierung und 2 Kabelausgängen.
- Carter: Aluminium paint par poudre avec deux sortis câble.
- Tapón: en moldeado bajo presión de aluminio barnizado con polvos con doble salida cables.

DRIVER INTEGRATO  
INTEGRATED DRIVER

# STARLINE INTEGRATED DRIVER

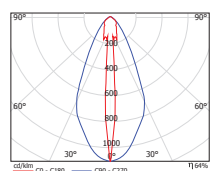
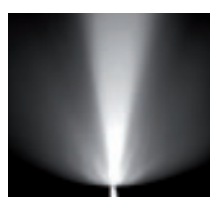


## FIXING

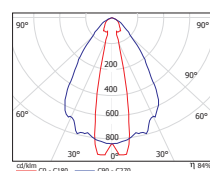
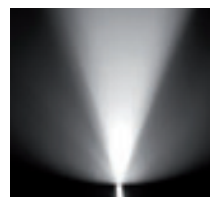


## PHOTOMETRICAL CURVES

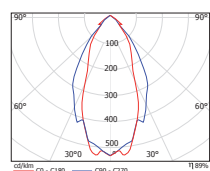
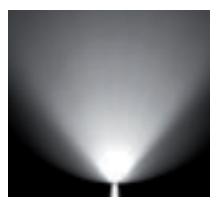
20°



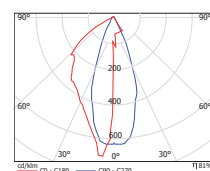
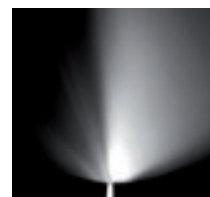
50°



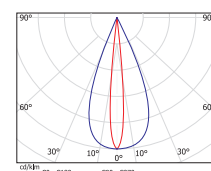
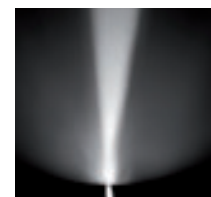
90°



ASYMMETRICAL



WALLWASHER

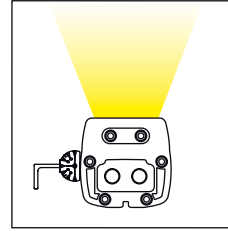


Le curve fotometriche si riferiscono alla Starline Mono da 320mm con colore Natural White e sono indicative  
 Photometric curves refer to the Starline Mono 320mm with Natural White color and are indicative

## STARLINE



**LED:** POWER  
**EMISSION:** 20° - 50° - 90° - ASYMMETRIC  
**COLOUR:** MONO - RGB  
**CONNECTION:** DMX - ON/OFF  
**DRIVER:** INCLUDED  
**POWER:** 2W LED  
**PROTECTION:** HIGH (IP67)

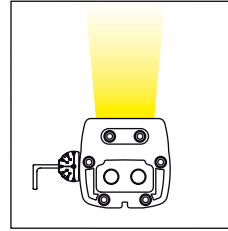


**LENGHT**  
 320 mm  
 600 mm  
 1200 mm

## STARLINE WALLWASHER



**LED:** POWER  
**EMISSION:** WALLWASHER  
**COLOUR:** MONO - RGB  
**CONNECTION:** DMX - ON/OFF  
**DRIVER:** INCLUDED  
**POWER:** 2W LED  
**PROTECTION:** HIGH (IP67)

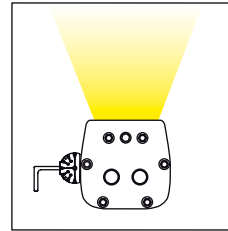


**LENGHT**  
 320 mm  
 600 mm  
 1200 mm

## STARLINE BASIC



**LED:** POWER  
**EMISSION:** 20° - 50° - 90° - ASYMMETRIC  
**COLOUR:** MONO  
**CABLE:** 1m PG9 CABLE GLAND  
**DRIVER:** INCLUDED  
**POWER:** 2W LED  
**PROTECTION:** HIGH (IP67)

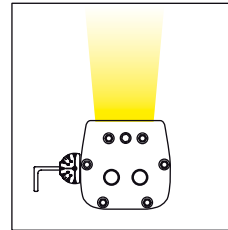


**LENGHT**  
 320 mm  
 600 mm  
 1200 mm

## STARLINE BASIC WALLWASHER



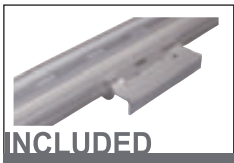
**LED:** POWER  
**EMISSION:** WALLWASHER  
**COLOUR:** MONO  
**CABLE:** 1m PG9 CABLE GLAND  
**DRIVER:** INCLUDED  
**POWER:** 2W LED  
**PROTECTION:** HIGH (IP67)



**LENGHT**  
 320 mm  
 600 mm  
 1200 mm

## ACCESSORIES

### GRADED BRACKET



### ANTI-GLARE



### CONNECTORS



### DMX ADDRESSER



## SUITABLE ELECTRONICS



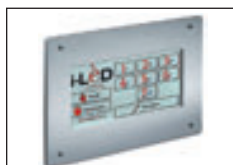
### DISPLAY DMX EASY



### DRIVER PRO MASTER



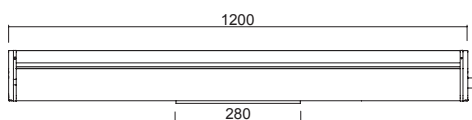
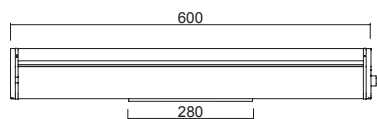
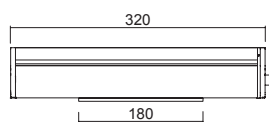
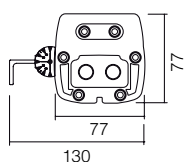
### TOUCH PANEL EVO



### USB DMX INTERFACE



# STARLINE MONO



Profilo in alluminio estruso anodizzato con led di potenza. Staffa per il fissaggio con rotazione 180° inclusa. Ottica lineare in policarbonato. Elettronica integrata dotata di connettori rapidi: versione dimmerabile con driver DMX integrato o versione ON/OFF con alimentatore integrato.

Anodised aluminium profile with power led. Fixing brackets with 180° rotation included. Polycarbonate Linear Optic. DMX electronic on-board with fast connectors: dimmable version with a DMX driver of in ON/OFF version with the driver included.

Profil aus eloxiertem Strangpressprofil mit Hochleistungs-LED. Bügel zur Befestigung um 180° schwenkbar inklusiv. Lineare Optik aus Polycarbonat. Eingebaute Elektronik mit Schnellstecksystem: Version mit Dimmer mit eingebautem Treiber DMX oder Version ON/OFF mit eingebautem Netzteil.

Profil en aluminium extrudé anodisé avec LEDs de puissance. Etrier pour la fixation avec une rotation de 180° inclus.

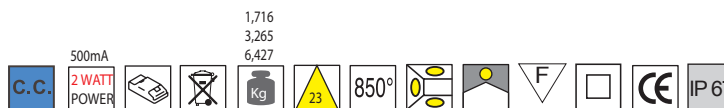
Optique linéaire en polycarbonate. Electronique intégrée dotée de connecteurs rapides: version dimmable avec driver DMX intégré ou version ON/OFF avec alimentateur intégré.


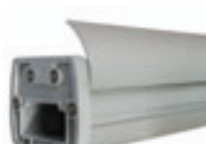

Perfil en aluminio extruido anodizado con LED de potencia. Abrazadera para la fijación con rotación de 180° incluido. Óptica linear en policarbonato. Electrónica integrada equipada con conectores rápidos: versión con intensidad regulable con driver DMX integrado o versión ON/OFF con alimentador integrado.

	n° led 2W	DMX	ON/OFF
A	6	88908	88897
A	12	88909	88696
A	24	88910	88697

StarLine DMX viene prodotta con indirizzo 1, nel caso si desideri attribuire un indirizzo diverso, è necessario acquistare DMX ADDRESSER (Cod 89564) pag. 28.

Starline is produced with DMX address 1, in case you want to assign a different address, you must purchase DMX addresser (code 89564) page 28.



Colours	Optical	Code	Accessories
C	20°	20	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>STAFFA GRADUATA GRADED BRACKET</p>  <p><b>INCLUDED</b> → 23</p> </div> <div style="width: 30%;"> <p>ANTI-ABBAGLIAMENTO ANTI-GLARE</p>  <p>→ 24</p> </div> <div style="width: 30%;"> <p>CONNETTORI CONNECTORS</p>  <p>→ 25</p> </div> </div>
W	50°	50	
N	90°	90	
B	Asymmetric	07	
Y			
R			
G			

# STARLINE RGB



Profilo in alluminio estruso anodizzato con led di potenza.  
Staffa per il fissaggio con rotazione 180° inclusa.  
Optica lineare in policarbonato.  
Elettronica DMX integrata dotata di connettori rapidi.

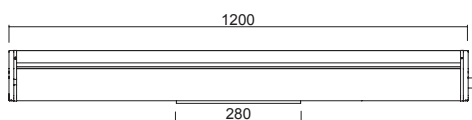
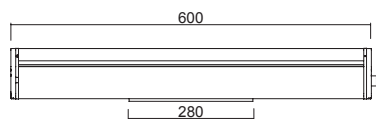
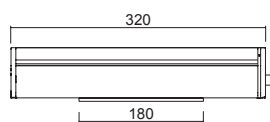
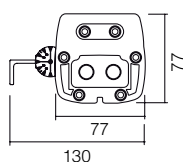
Anodised aluminium profile with power led.  
Fixing brackets with 180° rotation included.  
Polycarbonate Linear Optic.  
DMX electronic on-board with fast connectors.

Profil aus eloxiertem Strangpressprofil mit Hochleistungs-LED.  
Bügel zur Befestigung um 180° schwenkbar inklusiv.  
Lineare Optik aus Polycarbonat.  
Eingebaute Elektronik DMX mit Schnellstecksystem.

Profil en aluminium extrudé anodisé avec LEDs de puissance.  
Etrier pour la fixation avec une rotation de 180° inclus.  
Optique linéaire en polycarbonate.  
Electronique DMX intégrée dotée de connecteurs rapides.

Perfil en aluminio extruido anodizado con LED de potencia.  
Abrazadera para la fijación con rotación de 180° incluido.  
Óptica lineal en policarbonato.  
Electrónica DMX integrada equipada con conectores rápidos.

STARLINE  
RGB





	n° led 2W	DMX
A	9	88698
A	18	88699
A	30	88700

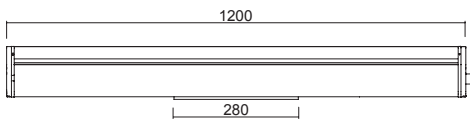
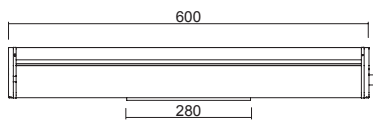
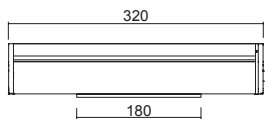
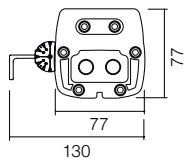
StarLine DMX viene prodotta con indirizzo 1, nel caso si desideri attribuire un indirizzo diverso, è necessario acquistare DMX ADDRESSER (Cod 89564) pag. 28.

Starline is produced with DMX address 1, in case you want to assign a different address, you must purchase DMX addresser (code 89564) page 28.



Colours	Optical	Code	Accessories
Z	20°	20	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>STAFFA GRADUATA GRADED BRACKET</p>  <p><b>INCLUDED</b>  23</p> </div> <div style="text-align: center;"> <p>ANTI-ABBAGLIAMENTO ANTI-GLARE</p>  <p> 24</p> </div> <div style="text-align: center;"> <p>CONNETTORI CONNECTORS</p>  <p> 25</p> </div> </div>
	50°	50	
	90°	90	
	Asymmetric	07	

# STARLINE MONO WALLWASHER



StarLine DMX viene prodotta con indirizzo 1, nel caso si desideri attribuire un indirizzo diverso, è necessario acquistare DMX ADDRESSER (Cod 89564) pag. 28.

Starline is produced with DMX address 1, in case you want to assign a different address, you must purchase DMX addresser (code 89564) page 28.

Profilo in alluminio estruso anodizzato con led di potenza. Staffa per il fissaggio con rotazione 180° inclusa. Ottica WallWasher con copertura in policarbonato. Elettronica integrata dotata di connettori rapidi: versione dimmerabile con driver DMX integrato o versione ON/OFF con alimentatore integrato.

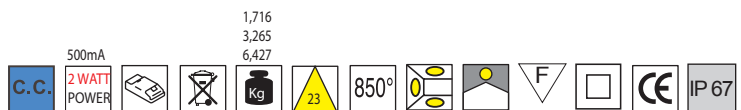
Anodised aluminium profile with power led. Fixing brackets with 180° rotation included. Polycarbonate Linear Optic. DMX electronic on-board with fast connectors: dimmable version with a DMX driver of in ON/OFF version with the driver included.


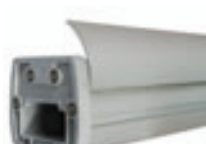

Profil aus eloxiertem Strangpressprofil mit Hochleistungs-LED. Bügel zur Befestigung um 180° schwenkbar inklusiv. WallWasher Optik aus Polycarbonat. Eingebaute Elektronik mit Schnellstecksystem: Version mit Dimmer mit eingebautem Treiber DMX oder Version ON/OFF mit eingebautem Netzteil.

Profil en aluminium extrudé anodisé avec LEDs de puissance. Etrier pour la fixation avec une rotation de 180° inclus. Optique WallWasher en polycarbonate. Electronique intégrée dotée de connecteurs rapides: version dimmable avec driver DMX intégré ou version ON/OFF avec alimentateur intégré.

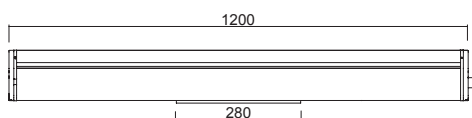
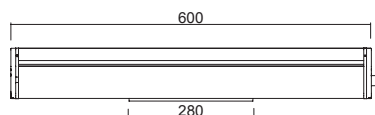
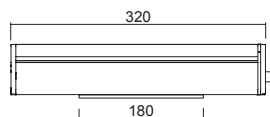
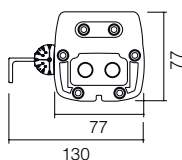
Perfil en aluminio extruido anodizado con LED de potencia. Abrazadera para la fijación con rotación de 180° incluido. Óptica WallWasher en policarbonato. Electrónica integrada equipada con conectores rápidos: versión con intensidad regulable con driver DMX integrado o versión ON/OFF con alimentador integrado.

	n° led 2W	DMX	ON/OFF
A	6	89440	89443
A	12	89441	89444
A	24	89442	89445



Colours	Optical	Code	Accessories
<ul style="list-style-type: none"> <li><span style="color: blue;">●</span> C</li> <li><span style="color: orange;">●</span> W</li> <li><span style="color: green;">●</span> N</li> <li><span style="color: blue;">●</span> B</li> <li><span style="color: yellow;">●</span> Y</li> <li><span style="color: red;">●</span> R</li> <li><span style="color: green;">●</span> G</li> </ul>	Wallwasher	25	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>STAFFA GRADUATA GRADED BRACKET</p>  <p><b>INCLUDED</b> → 23</p> </div> <div style="width: 30%;"> <p>ANTI-ABBAGLIAMENTO ANTI-GLARE</p>  <p>→ 24</p> </div> <div style="width: 30%;"> <p>CONNETTORI CONNECTORS</p>  <p>→ 25</p> </div> </div>

# STARLINE RGB WALLWASHER



Profilo in alluminio estruso anodizzato con led di potenza.  
Staffa per il fissaggio con rotazione 180° inclusa.  
Optica WallWasher con copertura in policarbonato.  
Elettronica DMX integrata dotata di connettori rapidi.

Anodised aluminium profile with power led.  
Fixing brackets with 180° rotation included.  
Polycarbonate WallWasher Optic.  
DMX electronic on-board with fast connectors.

Profil aus eloxiertem Strangpressprofil mit Hochleistungs-LED.  
Bügel zur Befestigung um 180° schwenkbar inklusiv.  
WallWasher Optik aus Polycarbonat.  
Eingebaute Elektronik DMX mit Schnellstecksystem.

Profil en aluminium extrudé anodisé avec LEDs de puissance.  
Etrier pour la fixation avec une rotation de 180° inclus.  
Optique WallWasher en polycarbonate.  
Electronique DMX intégrée dotée de connecteurs rapides.


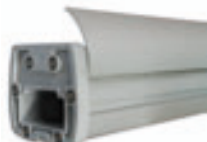

Perfil en aluminio extruido anodizado con LED de potencia.  
Abrazadera para la fijación con rotación de 180° incluido.  
Óptica WallWasher en policarbonato.  
Electrónica DMX integrada equipada con conectores rápidos.

	n° led 2W	DMX
A	9	89446
A	15	89447
A	30	89448

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Colours	Optical	Code	Accessories
Z	Wallwasher	25	<div data-bbox="645 1915 913 2213"> <p>STAFFA GRADUATA GRADED BRACKET</p>  <p><b>INCLUDED</b>  23</p> </div> <div data-bbox="939 1915 1204 2213"> <p>ANTI-ABBAGLIAMENTO ANTI-GLARE</p>  <p> 24</p> </div> <div data-bbox="1229 1915 1494 2213"> <p>CONNETTORI CONNECTORS</p>  <p> 25</p> </div>

# STARLINE BASIC



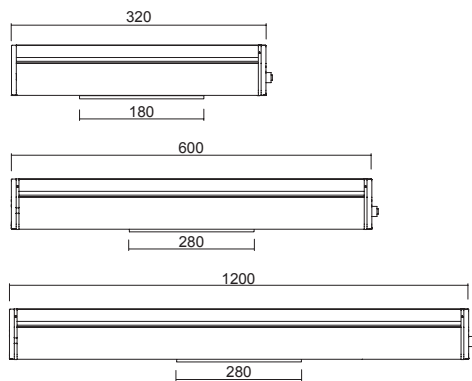
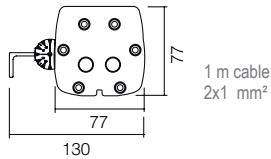
Profilo in alluminio estruso anodizzato con led di potenza.  
Staffa per il fissaggio con rotazione 180° inclusa.  
Optica lineare in policarbonato.  
Versione ON/OFF con alimentatore integrato con pressacavi PG9. Fornita con 1 mt. di cavo Neoprene sez. 2x1.

*Extruded anodised aluminium profile with power LEDs. Fixing brackets with 180° rotation included. Polycarbonate linear optics. ON/OFF version with integrated power supply unit and PG9 cable glands. Supplied with a 1-m neoprene cable 2x1.*

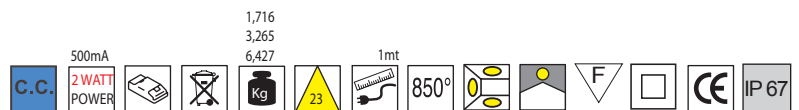
*Profil aus eloxiertem Strangpressprofil mit Hochleistungs-LED. Bügel zur Befestigung um 180° schwenkbar inklusiv. Lineare Optik aus Polycarbonat. Version ON/OFF mit eingebautem Netzteil und Verschraubung PG9. Einschließlich 1 m Neopren-Kabel.*


*Profil en aluminium extrudé anodisé avec LEDs de puissance. Etrier pour la fixation avec une rotation de 180° inclus. Optique linéaire en polycarbonate. Version ON/OFF avec alimentateur intégré avec serre-câbles PG9. Fourni avec 1 m. de câble Néoprène.*

*Perfil en aluminio extruido anodizado con LED de potencia. Abrazadera para la fijación con rotación de 180° incluido. Óptica lineal en policarbonato. Versión ON/OFF con alimentador integrado con prensaestopas PG9. Suministrada con cable Neopreno de 1 m.*

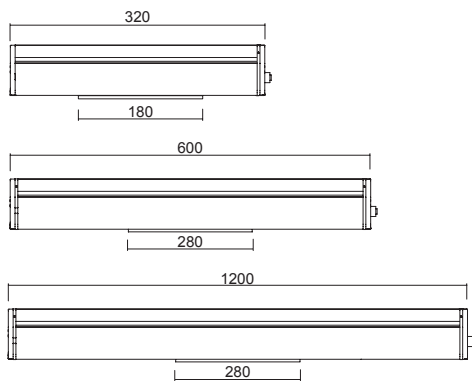
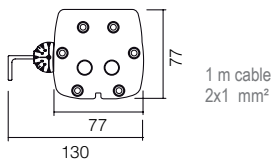


	n° led 2W	ON/OFF
A	6	89332
A	12	89333
A	24	89334



Colours	Optical	Code	Accessories
C	20°	20	<b>STAFFA GRADUATA</b> <b>GRADED BRACKET</b>  <b>INCLUDED</b> → 23
W	50°	50	
N	90°	90	<b>ANTI-ABBAGLIAMENTO</b> <b>ANTI-GLARE</b>  → 24
B	Asymmetric	07	
Y			
R			
G			

# STARLINE BASIC WALLWASHER



Profilo in alluminio estruso anodizzato con led di potenza. Staffa per il fissaggio con rotazione 180° inclusa. Ottica lineare in policarbonato ad emissione WallWasher. Versione ON/OFF con alimentatore integrato con pressacavi PG9. Fornita con 1 mt. di cavo Neoprene sez. 2x1.

*Extruded anodised aluminium profile with power LEDs. Fixing brackets with 180° rotation included. Polycarbonate WallWasher optics. ON/OFF version with integrated power supply unit and PG9 cable glands. Supplied with a 1-m neoprene cable 2x1.*

*Profil aus eloxiertem Strangpressprofil mit Hochleistungs-LED. Bügel zur Befestigung um 180° schwenkbar inklusiv. Optik aus Polycarbonat und WallWasher Abstrahlung. Version ON/OFF mit eingebautem Netzteil und Verschraubung PG9. Einschließlich 1 m Neopren-Kabel.*

*Profil en aluminium extrudé anodisé avec LEDs de puissance. Etrier pour la fixation avec une rotation de 180° inclus. Optique en polycarbonate à émission WallWasher. Version ON/OFF avec alimentateur intégré avec serre-câbles PG9. Fourni avec 1 m. de câble Néoprène.*

*Perfil en aluminio extruido anodizado con LED de potencia. Abrazadera para la fijación con rotación de 180° incluido. Óptica en policarbonato con emisión WallWasher. Versión ON/OFF con alimentador integrado con prensaestopas PG9. Suministrada con cable Neopreno de 1 m.*

	n° led 2W	ON/OFF
A	6	89449
A	12	89450
A	24	89451





1,716  
3,265  
6,427

500mA  
2 WATT  
POWER

1m

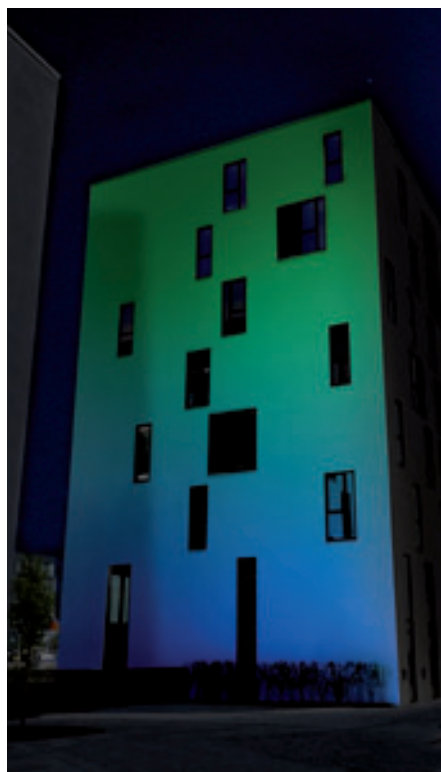
850°

CE IP 67

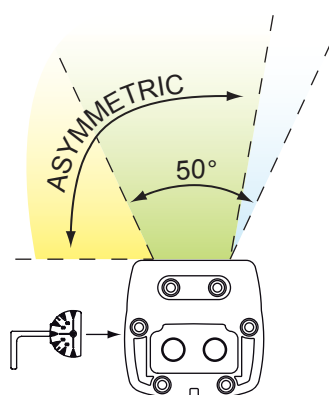
Colours	Optical	Code	Accessories
<ul style="list-style-type: none"> <li>● C</li> <li>● W</li> <li>● N</li> <li>● B</li> <li>● Y</li> <li>● R</li> <li>● G</li> </ul>	WallWasher	25	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>STAFFA GRADUATA GRADED BRACKET</p>  <p><b>INCLUDED</b>  23</p> </div> <div style="width: 45%;"> <p>ANTI-ABBAGLIAMENTO ANTI-GLARE</p>  <p> 24</p> </div> </div>

# OTTICA E DIODI COMBINATI

## COMBINED OPTICS AND DIODES



Effetto simulato  
Simulated effect



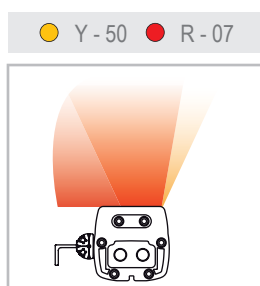
Alternando all'interno della stessa barra una lente asimmetrica con una a 50° è possibile ottenere effetti unici caratterizzati dalla sfumatura di due colori. Ideale per scenografie dove con un unico prodotto si riesce ad ottenere effetti composti. Possibilità di abbinare le varie colorazioni dei led come da esempi, sono disponibili personalizzazioni solo dopo studio di fattibilità.

*Unique lighting effects characterized by two colour nuances can be created by alternating an asymmetric lens and a 50° degree lens in the same bar. Perfect for scene lighting where a single product allows for the creation of composite lighting effects. Various LED colours can be combined together as in the examples. Customized solutions are available only after a feasibility study has been carried out.*

*Durch das abwechselnde Einsetzen einer asymmetrischen Linse und einer 50° Linse in der Schiene lassen sich einzigartige Lichteffekte schaffen, die durch das Ineinanderfließen von zwei Farben charakterisiert sind. Ideal für Effektbeleuchtung, da sich mit einem Produkte verschiedenste Effekte erzeugen lassen. Die LEDs sind in den angegebenen Farbkombinationen erhältlich. Personalisierungen müssen vorher auf ihre Machbarkeit geprüft werden.*

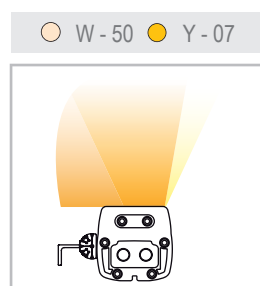
*En alternant, à l'intérieur de la même barre, une lentille asymétrique avec une autre à 50°, il est possible d'obtenir des effets uniques caractérisés par la nuance de deux couleurs. Idéal pour des scénographies où l'on réussit, avec un seul produit, à obtenir des effets composés. Possibilité de combiner les divers coloris des leds, comme indiqué sur les exemples ; des customisations sont disponibles seulement après l'étude de faisabilité.*

*Alternando en el interior de dicha barra una lente asimétrica con una a 50° se pueden obtener efectos únicos caracterizados por el matiz de dos colores. Ideal para escenografías en donde con un único producto se logra obtener efectos compuestos. Se pueden combinar las diferentes coloraciones de los LEDs, ver ejemplos. Estarán disponibles personalizaciones sólo después de estudio de viabilidad.*



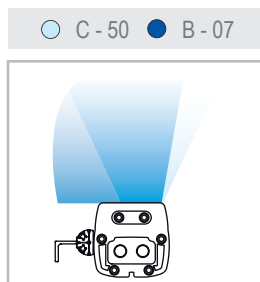
● Y - 50 ● R - 07  
Ambra / Rosso  
Amber / Red

L. mm	n° led 2W	DMX
320	6	89452
600	12	89453
1200	24	89454



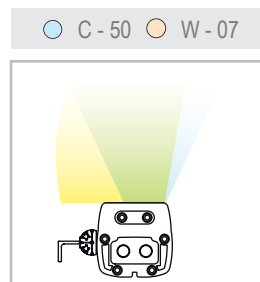
● W - 50 ● Y - 07  
Bianco caldo / Ambra  
Warm White / Amber

L. mm	n° led 2W	DMX
320	6	89461
600	12	89462
1200	24	89463



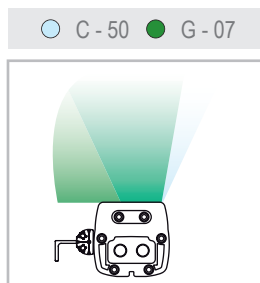
● C - 50 ● B - 07  
Bianco freddo / Blu  
Cold white / Blue

L. mm	n° led 2W	DMX
320	6	89455
600	12	89456
1200	24	89457



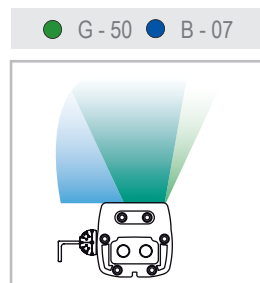
● C - 50 ● W - 07  
Bianco freddo / Bianco caldo  
Cold White / Warm White

L. mm	n° led 2W	DMX
320	6	89464
600	12	89465
1200	24	89466



● C - 50 ● G - 07  
Bianco freddo / Verde  
Cold White / Green

L. mm	n° led 2W	DMX
320	6	89458
600	12	89459
1200	24	89460



● G - 50 ● B - 07  
Verde / Blu  
Green / Blue

L. mm	n° led 2W	DMX
320	6	89467
600	12	89468
1200	24	89469

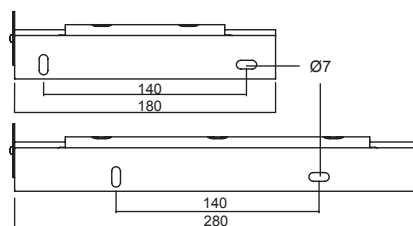
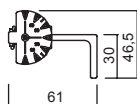
# INSTALLATION

## STAFFA DI FISSAGGIO / FIXING BRACKETS

## INCLUDED

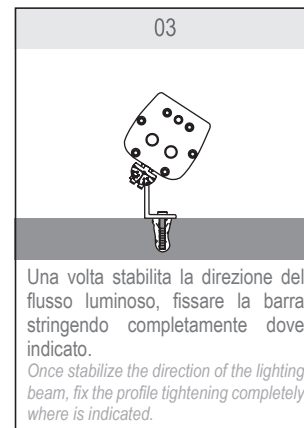
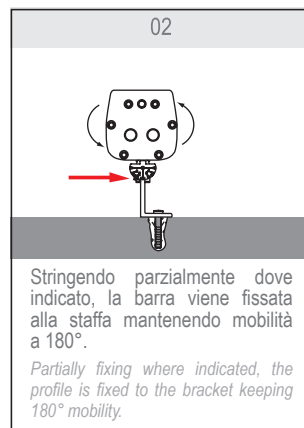
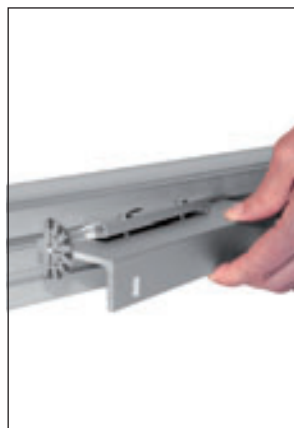
Pratica, sicura e dinamica può facilmente ruotare di 180°, grazie all'innovativo sistema di bloccaggio. Può essere applicata a lato o sotto l'articolo aumentando le possibilità di posizionamento rispetto alla superficie di fissaggio.

Practical, safe and dynamic with easy 180° rotation, because of that innovative blocking system. Can be applied on the side and the lower part of the product increasing the possibilities of position.

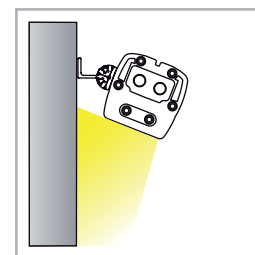
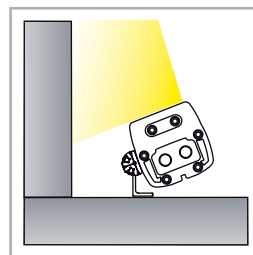
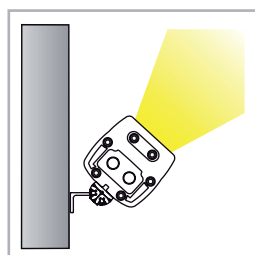
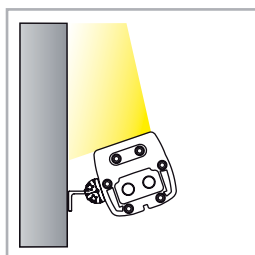


Utilizzare un tassello appositamente dimensionato M6 (NON incluso)  
Use a sized rawplug M6 (NOT included)

## INSTALLATION



## FIXING



Possibilità di applicazione laterale o alla base della barra  
Application on the sides or on the base of the bar.

# ACCESSORIES

## ANTI-ABBAGLIAMENTO / ANTI-GLARE

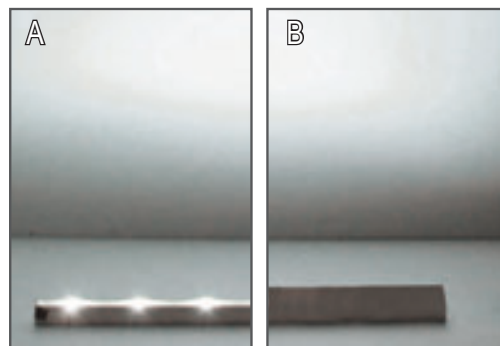
L'accessorio anti-abbagliamento riduce drasticamente l'abbagliamento frontale dei led. Ideale in abbinamento all'ottica asimmetrica e 20° in applicazioni per illuminazione di pareti.

L'accessorio deve essere ordinato insieme alla rispettiva barra e viene montato dall'azienda.

*The anti-glare accessory reduces leds' glare effect. Ideal with asymmetric and 20° optic and for wall lighting.*

*The accessory must be ordered with the respective bar and is mounted by the firm.*

	L. mm	Code
A	320	89404
A	600	89405
A	1200	89406



Vista della lampada con (fig. B) e senza (fig. A) l'applicazione dell'accessorio anti-abbagliamento.

Si noti che, eliminando l'abbagliamento frontale dei led, l'emissione luminosa non viene ridotta

*View of the lamp with (fig. B) or without (fig. A) the application of the anti-glare accessory.*

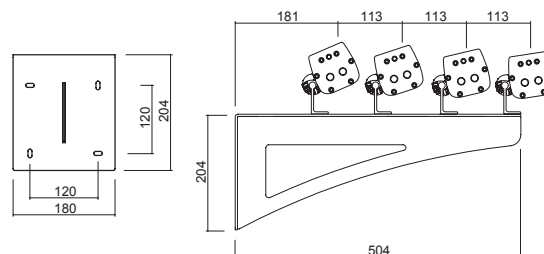
*Removing leds' glare effect, light emission is not reduced*

## SOSTEGNO PER IL FISSAGGIO MULTIPLO / SUPPORT FOR THE UNIVERSAL APPLICATION

Staffa in acciaio verniciato grigio per applicazione di max 4 Starline. Da utilizzare per illuminare pareti molto alte disponendo opportunamente le barre.

*Steel Brackets painted grey for multiple application of max 4 Starline. To use for very high outdoor walls.*

	L. mm	Code
A	504	89127



## TAPPO DI CHIUSURA ULTIMA BARRA / END CAPS FOR THE LAST ITEM

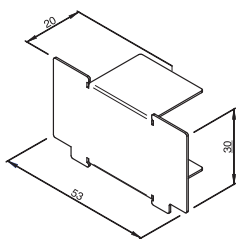
Accessorio indispensabile per chiudere la linea che serve a contenere e proteggere i connettori dell'ultima barra. Si installa semplicemente a pressione.

*Accessory needed to close the line and to protect and contain the connectors of the last product.*

*Simple pressure for a complete installation*

### TECHNICAL DATA

	Code
A	89234



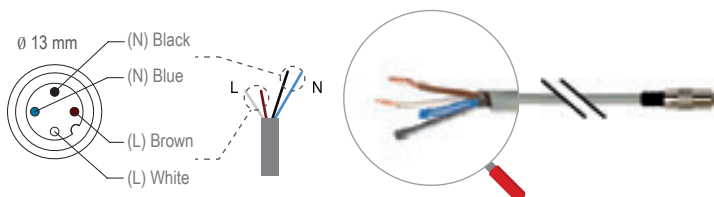
# ACCESSORIES

## CABLES

### CONNECTORS - per collegare la prima barra della linea / to wire the first bar of the line

Cavo in PUR con connettore M12 volante femmina 4 pin per 230V AC  
 Cable in PUR with External female 4 pin M12 Connectors for 230V AC

Code	L	Section
89190	5 m	4x0,5 mm <sup>2</sup>



Cavo in PUR con connettore M12 volante maschio 5 pin per DMX.  
 Cable in PUR with External male 5 pin M12 Connectors for DMX.

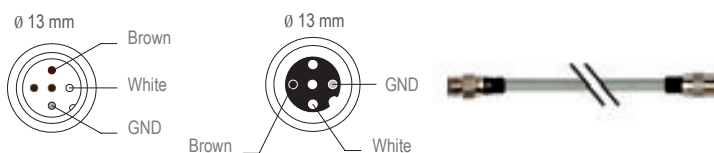
Code	L	Section
89189	5 m	2x0,25 mm <sup>2</sup> + GND



### PROLUNGHE / EXTENSIONS

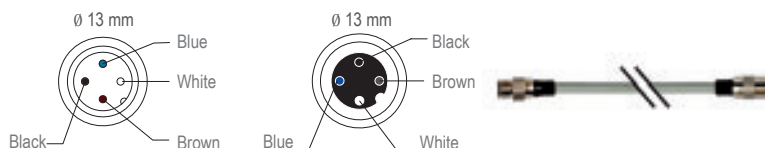
Prolunga in PUR con connettori M12 volanti maschio/femmina 5 pin per (DMX)  
 Extension in PUR with M12 male/female 5 pin connectors for (DMX)

Code	L	Section
89187	10 m	2x0,25 mm <sup>2</sup> + GND



Prolunga in PUR con connettori M12 volanti maschio e femmina 4 pin per 230V AC  
 Extension in PUR with External male and Female 4 pin M12 connectors for 230V AC

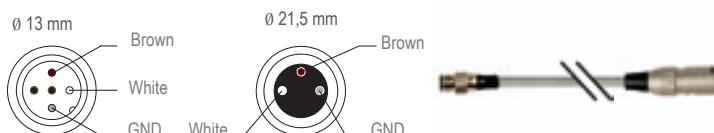
Code	L	Section
89188	10 m	4x0,5 mm <sup>2</sup>



Cavo in PUR con connettore M12 volante maschio 5 pin e conn. XLR 3poli per DMX.  
 Permette di collegare la prima barra della linea ad un master a monte.

Cable in PUR for external male 5 pin M12 and XLR 3 pin connectors for DMX. Allows you to connect the first product on the master

Code	L	Section
89186	5 m	2x0,25 mm <sup>2</sup> + GND



### ADATTATORE DI CHIUSURA LINEA DMX / DMX LINE CLOSURE ADAPTOR

Adattatore di chiusura per linea DMX con resistenza 120 Ohm, necessario alla fine di una linea di barre in serie (limite massimo di 255 barre o 300 metri di lunghezza).

Closure adaptor for DMX line with 120 Ohm resistance, necessary at the end of a line of bars in series (maximum of 255 bars or 300 meters in length).

Code	89365
------	-------



# WIRING

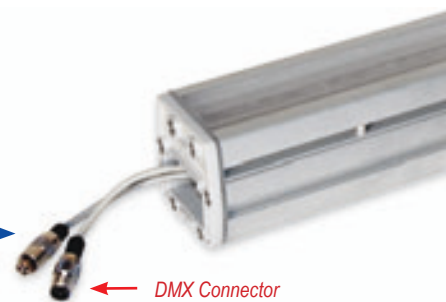
## DMX

Nella versione DMX è necessario controllare la singola barra o la linea completa con un MASTER DMX. i-LèD offre le seguenti soluzioni:

*On the DMX version is needed to control one single Item or a complete line with a MASTER DMX.*

*i-LèD offers the below solutions:*

230V Connector →



← DMX Connector

### DISPLAY DMX EASY



**Cod. 84881**

Max 255 barre collegabili  
100 m cavo DMX totale.  
Gestione di 1 indirizzo.

*Max 255 item connected together 100 m cable DMX total. Management of 1 dipswitch*



### DRIVER PRO MASTER



**Cod. 84624 or similar**

Max 255 barre collegabili  
300 m cavo DMX totale.  
Gestione di 1 indirizzo.

*Max 255 item connected together 300 m cable DMX total. Management of 1 dipswitch*



### TOUCH PANEL EVO



**Cod. 84704**

Max 255 barre collegabili  
300 m cavo DMX totale.  
Gestione di 6 indirizzi.

*Max 255 item connected together 300 m cable DMX total. Management of 6 dipswitches*



### DMX INTERFACE



**Cod. 84847**

Max 255 barre collegabili  
300 m cavo dmx totale.  
Gestione di 60 indirizzi.

*Max 255 item connected together 300 m cable DMX total. Management of 60 dipswitches*



## FAST CONNECTION VERSION DMX



Grazie ai connettori rapidi è possibile collegare:

*Through out fast connectors you can control:*

Fino a 12 m di linea continua di barre (max 240 led) collegate ad un'unico ingresso 230V

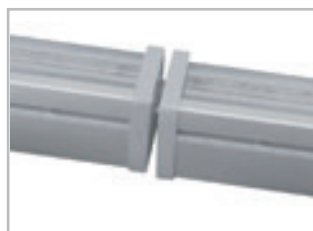
*Up to 12m of continuous line per 230V input*

Fino a 72 m di linea (max 240 led) collegate tra loro con max 50 m di prolunghe di max 10 m l'una.

*Up to 72 m bars line (max 240 leds) wired with up to 50 m extensions (10 m each)*

Fino a 300 m di linea DMX. È quindi necessario predisporre una nuova linea 230V ogni 12 m (oppure una scatola di derivazione) e un ripetitore di segnale DMX ogni 300 m.

*Up to 300 m DMX line continue. That means that every 12m you have to provide for a new 230 V line (or a junction box) and a DMX signal repeater.*



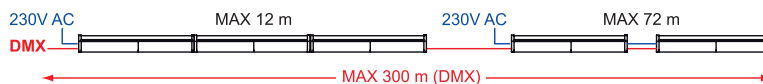
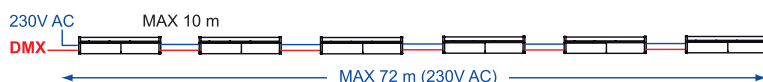
Mantenere almeno 5 mm di distanza per dilatazione termica.

*Maintain 5 mm distance for thermal dilatation.*



Tappo con alloggiamento connettori.

*End cap with connectors container.*



# WIRING

## ON / OFF

Nelle versioni ON / OFF la singola barra o la linea completa deve essere collegata alla rete 230V e semplicemente accesa o spenta da un interruttore remoto o qualsiasi altro interruttore di fase remoto (sensore luminosità, timer).

*In the ON/OFF versions, the single item or the complete line has to be connected only on the 230V line or simply switch ON/OFF with a normal remote switch or (luminosity sensor, timer)*



230V Connector

### BASIC

STARLINE ON/OFF è disponibile anche nella versione BASIC dotata di pressacavo in sostituzione dei connettori rapidi, fornita con 1 m di cavo in Neoprene 2x1 da collegare direttamente a 230V AC. In questo caso non sussistono limiti nella quantità di barre collegabili: ogni barra deve essere collegata alla 230V AC e possono essere create linee continue utilizzando scatole di derivazione (non incluse).

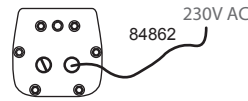
*STARLINE ON/OFF is also available in BASIC version, with gland instead of the rapid connectors, supplied with a 1-m neoprene cable 2x1 to directly connect to the 230 V AC current, for creating a max 12 mt lenght continuous line.*



230V Neoprene



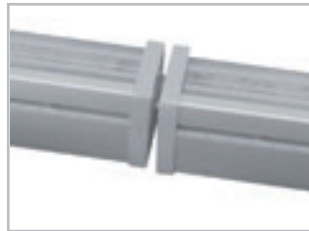
Scatola di derivazione non fornita.  
Junction box not delivered.



### FAST CONNECTION VERSION ON / OFF



Grazie ai connettori rapidi è possibile collegare:  
*Through out fast connectors you can control:*

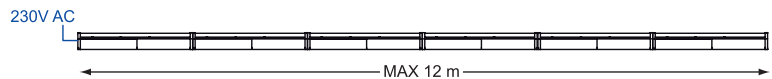


Mantenere almeno 5 mm di distanza per dilatazione termica.  
*Maintain 5 mm distance for thermal dilatation.*

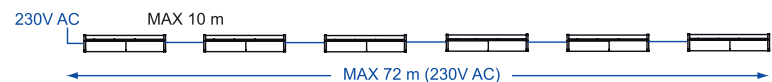


Tappo con alloggiamento connettori.  
*End cap used to protect and to contain the connectors.*

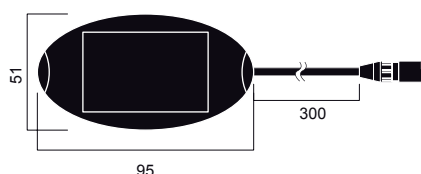
Fino a 12 m di linea continua di barre (max 240 led) collegate ad un'unico ingresso 230V  
*Up to 12m of continuous line per 230V input*



Fino a 72 m di linea di barre (max 240 led) collegate tra loro con max 50 m di prolunghe di max 10 m l'una.  
*Up to 72 m bars line (max 240 leds) wired with up to 50 m extensions (10 m each)*



# DMX ADDRESSER



Code	INPUT	OUTPUT
89564	MINI USB	BUS DMX 512

L'indirizzatore DMX permette di configurare impianti di Starline DMX in modo semplice e flessibile. L'installazione dei prodotti può avvenire senza particolari precauzioni riguardo l'indirizzo DMX e quindi la zona da assegnare al prodotto (in base alle esigenze di tipo scenografico). L'indirizzo DMX sarà configurato successivamente all'installazione di tutti gli articoli. Per piccoli impianti è possibile richiedere l'indirizzamento della Starline in Azienda sull'indirizzo DMX desiderato.

*The Starline DMX systems can be configured in an easy and flexible manner by using a DMX controller. Products can be installed without taking specific precautionary measures regarding the DMX address and therefore the area where the product is to be placed to meet lighting needs. The DMX address will be assigned after installing all the items. If required, in case of small systems, the addressing of Starline can be carried out by the manufacturer on the DMX address indicated.*

*Mit dem DMX Adressierungsgerät können die Starline DMX Anlagen einfach und vielseitig konfiguriert werden. Die Installation der Produkte macht keine besonderen Vorsichtsmaßnahmen für die DMX Adresse erforderlich und damit für die Zone, die dem Produkt zugeordnet wird (je nach szenographischen Anforderungen). Die DMX Adresse wird im Anschluss an die Installation aller Artikel konfiguriert. Für kleine Anlagen kann die Adressierung von Starline auf die gewünschte DMX Adresse im Werk angefragt werden.*

*L'adresseur DMX permet de configurer des installations de Starline DMX de façon simple et flexible. L'installation des produits peut se faire sans utiliser des précautions particulières à l'égard de l'adresse DMX et donc la zone à assigner au produit (en fonction des exigences de type scénographique). L'adresse DMX sera configurée après l'installation de tous les articles. Pour des installations réduites, il est possible de demander l'adressage de la Starline en Usine sur l'adresse DMX désirée.*

*El distribuidor DMX permite configurar instalaciones de Starline DMX de forma sencilla y flexible. La instalación de los productos se puede realizar sin especiales precauciones con respecto a la dirección DMX y, por lo tanto, a la zona que se asignará al producto (dependiendo de las exigencias de tipo escenográfico). La dirección DMX se configurará sólo tras instalar todos los artículos. Para instalaciones pequeñas se puede solicitar el direccionamiento de la Starline a la Empresa según la dirección DMX deseada.*



## CONNECTION

1. Connettere l'indirizzatore DMX ad un PC sul quale si è installato il software per l'indirizzamento DMX (incluso) tramite cavo Mini USB (non incluso).
2. Connettere DMX ADDRESSER alla prima barra della linea DMX delle StarLine ancora da indirizzare.
3. Visualizzare tutti i numeri di matricola delle Starline installate nella linea.
4. Accendere la barra relativa al primo numero di matricola e stabilirne l'indirizzo DMX in base al gruppo/zona che gli si intende assegnare.
5. Ripetere il punto 4 per tutte le Starline creando tanti indirizzi quanti sono quelli gestibili dal Master DMX che si intende utilizzare (es: per TOUCH Panel 6 indirizzi).
6. Disconnettere l'indirizzatore DMX e connettere al bus DMX il master DMX i-LêD desiderato.

*1. By means of a Mini USB cable (not included) connect the DMX controller to the PC where the DMX software (included) was installed.*

*2. Connect the DMX ADDRESSER to the DMX line of the Starline to be addressed.*

*3. View all the serial numbers of the StarLine items.*

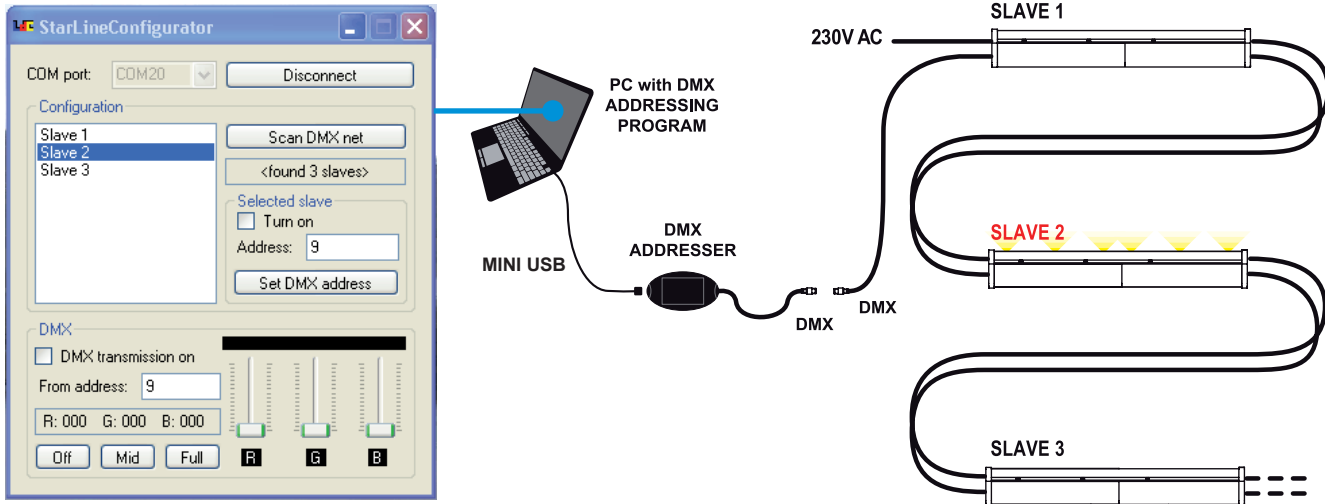
*4. Switch on the bar corresponding to the first serial number and set the DMX address according to the group/area to be assigned to the bar.*

*5. Repeat step 4 for all the Starline bars creating as many addresses as the Master DMX in use can manage.*

*6. Disconnect the DMX controller and connect the chosen Master DMX i-LêD to the DMX bus.*

# CONNECTION

## INDIRIZZAMENTO / ADDRESSING



## SCHEMA DI COLLEGAMENTO / CONNECTION SCHEME

