

davide groppi

C A R R O P O N T E

CARROPONTE

La luce prende posizione

Suspension lighting system with direct, indirect and diffused light, for indoor use. CARROPONTE goes beyond the concept of the electrified track, becoming a true graphic element in space.

Sistema di illuminazione a sospensione, a luce diretta, indiretta e diffusa, per interni. CARROPONTE supera il concetto di binario elettrificato per diventare un vero e proprio segno grafico nello spazio al servizio della luce.

○ .03 Matt White

● .04 Matt Black

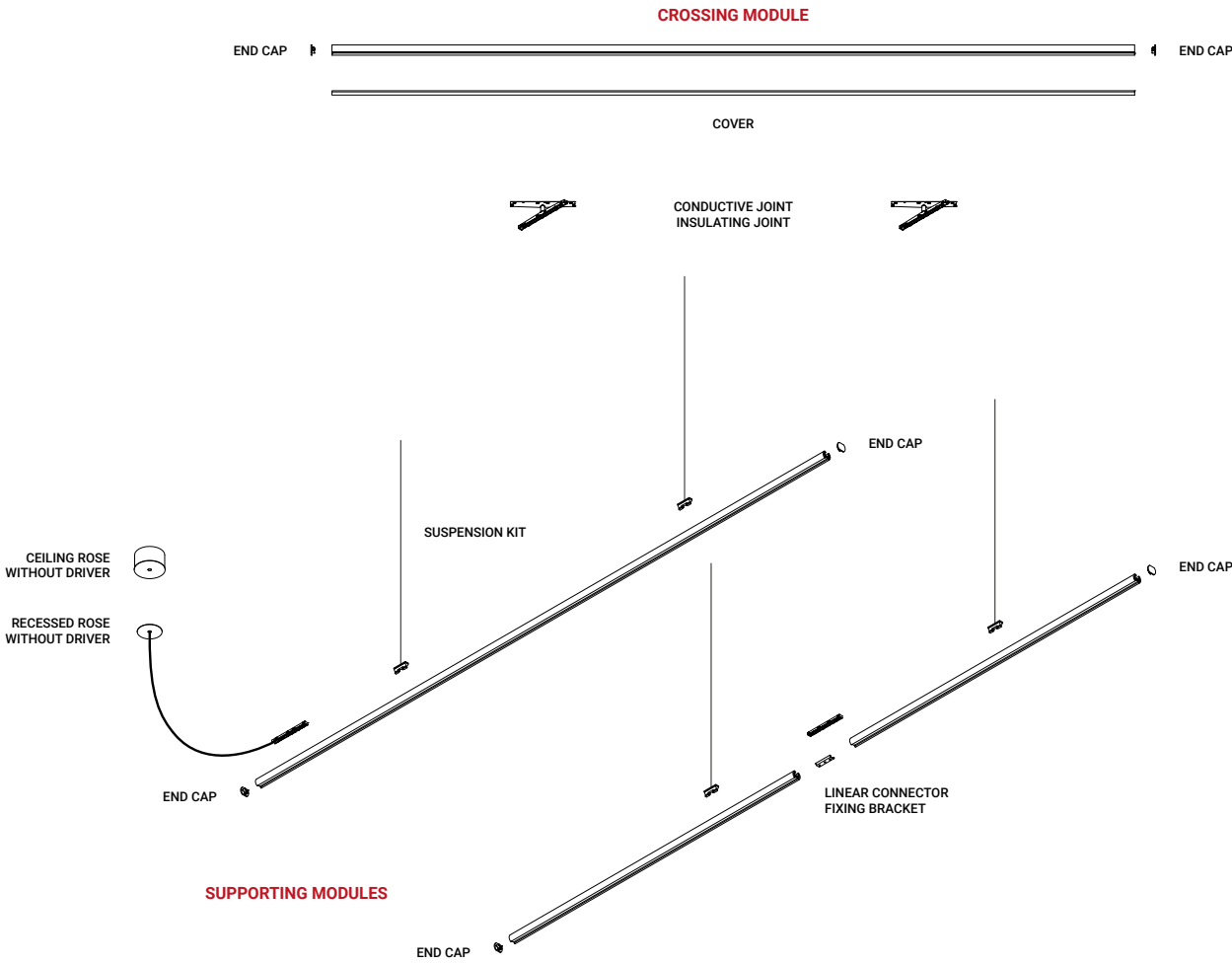
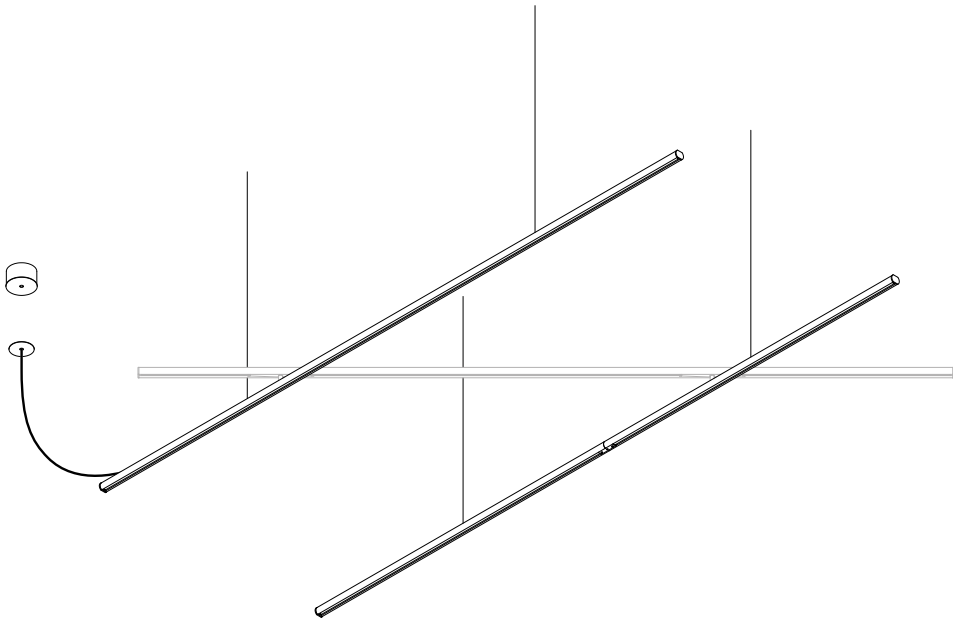
● .45 Matt Nickel

CARROPONTE

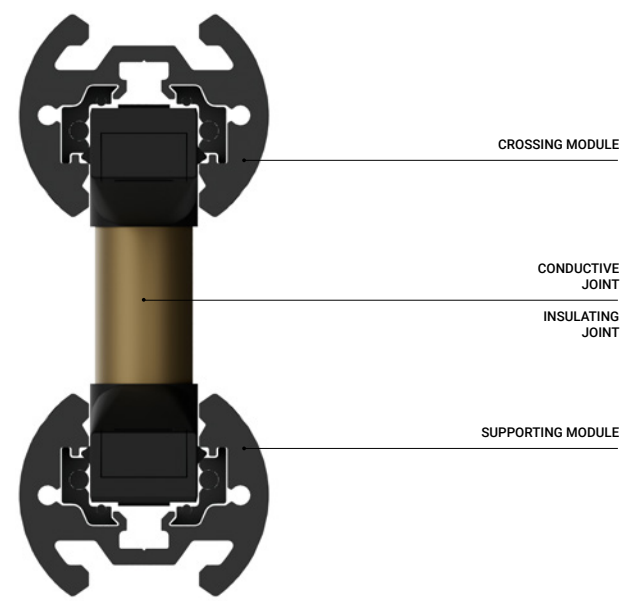
SYSTEM / SISTEMA

The system is powered at 48V DC and consists of at least two suspended supporting modules and at least one crossing module. The crossing module is fixed to the supporting modules by means of dedicated joints, either conductive or insulating, and can be freely angled and slid along them. The modules are made of aluminium and are available in 1, 2 and 3 metre lengths. The system can also be installed on sloped ceilings, with the modules always remaining horizontal.

Il sistema è alimentato a 48V DC ed è costituito da almeno due moduli portanti sospesi e da almeno un modulo trasversale. Il modulo trasversale è fissato ai moduli portanti mediante gli appositi giunti, conduttori o isolanti, e può essere orientato e traslato liberamente. I moduli sono in alluminio e sono disponibili nelle misure di 1, 2 e 3 metri. Il sistema può essere installato anche su soffitti inclinati, mantenendo i moduli sempre orizzontali.



CARROPONTE
JOINT / GIUNTO



CARROPONTE

COMPOSITIONS / COMPOSIZIONI

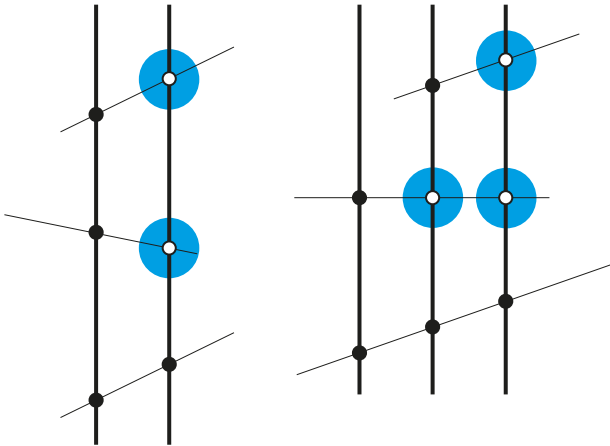
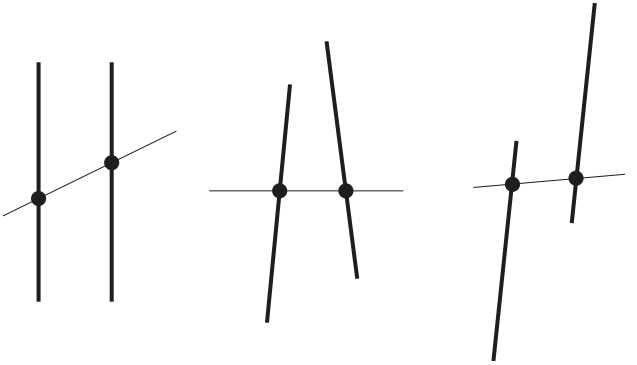
The electrified supporting modules can be installed parallel to each other, at different orientations, or arranged in sequence. With the same compositional freedom, the system can be extended at any time by adding further supporting and crossing modules. The electrified crossing modules can be freely positioned and slid.

I moduli portanti elettrificati possono essere installati paralleli, con orientamenti differenti oppure disposti in successione. Con la stessa libertà compositiva, il sistema può essere ampliato in qualsiasi momento aggiungendo ulteriori moduli portanti e trasversali. I moduli trasversali elettrificati possono essere posizionati e traslati liberamente.

- Conductive joint / Giunto conduttore
- Insulating joint / Giunto isolante

The system is designed so that connections between supporting modules and crossing modules are made using the dedicated joints. Connections between supporting modules and crossing modules must comply with the no-short-circuit principle. Should a short circuit occur, it does not damage the system but triggers the driver's dedicated protection, which resets automatically.

Il sistema è progettato in modo tale che le connessioni tra moduli portanti e moduli trasversali siano compiute tramite gli appositi giunti. Le connessioni tra moduli portanti e moduli trasversali devono rispettare il principio del non cortocircuito. Un eventuale cortocircuito non danneggia il sistema, ma attiva l'apposita protezione del driver di alimentazione, comunque auto-ripristinabile.



CARROPONTE

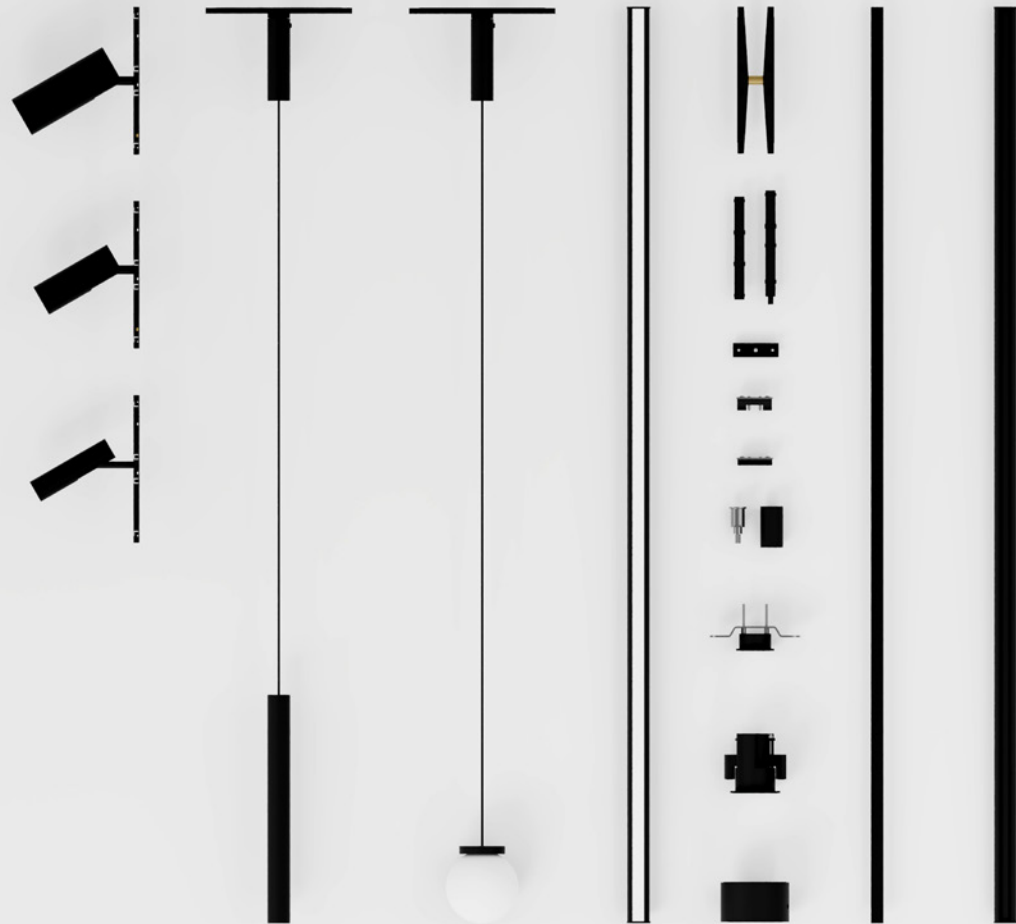
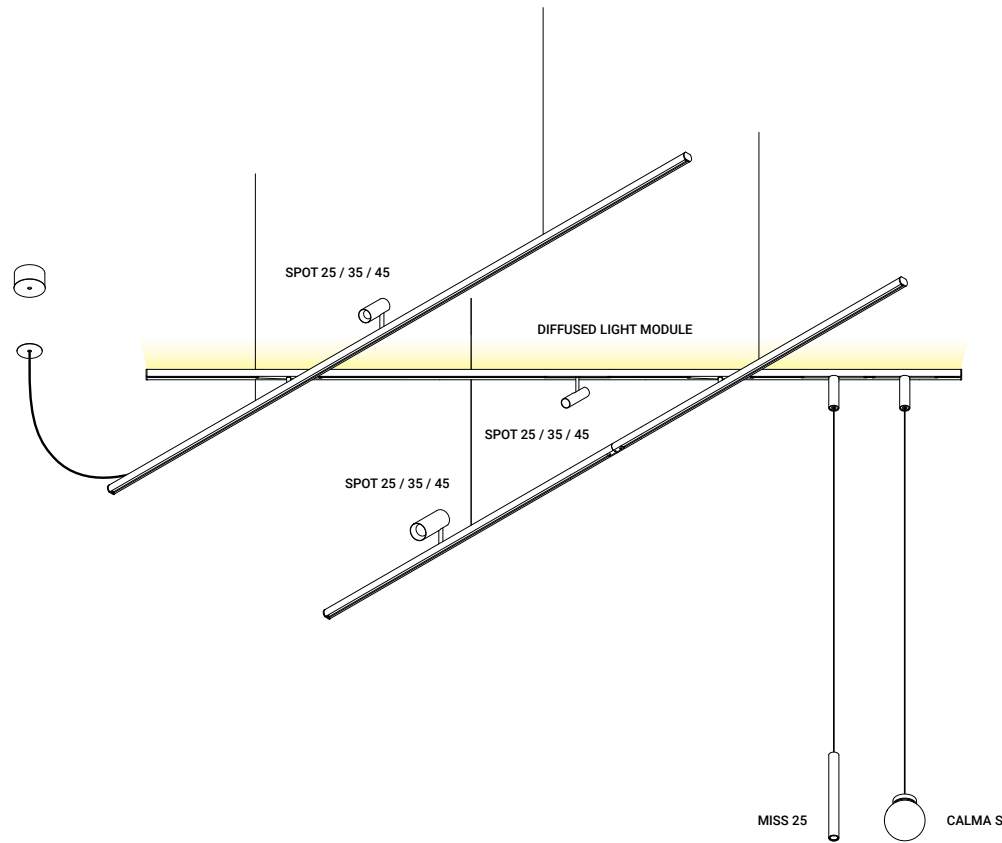
LUMINAIRES / CORPI ILLUMINANTI

CARROPONTE is a flexible system, designed for luminaires with direct, indirect and diffused light.

SPOT 25 / SPOT 35 / SPOT 45 can be installed on both supporting modules and crossing modules.

DIFFUSED LIGHT MODULES are crossing modules with upward-facing light and are available in 2 and 3 m lengths. **CALMA S** and **MISS 25** are suspension luminaires that can be installed on crossing modules only.

CARROPONTE è un sistema flessibile, pensato per corpi illuminanti a luce diretta, indiretta e diffusa. **SPOT 25 / SPOT 35 / SPOT 45** si possono installare sia sui moduli portanti che su quelli trasversali. I **MODULI A LUCE DIFFUSA** funzionano come moduli trasversali, con la luce rivolta verso l'alto e sono disponibili da 2 e 3 m di lunghezza. **CALMA S** e **MISS 25** sono apparecchi a sospensione installabili solo sui moduli trasversali.



CARROPONTE

LUMINAIRES / CORPI ILLUMINANTI

DIRECT LIGHT LUMINAIRES



SPOT 25

○ ● ●



SPOT 35

○ ● ●



SPOT 45

○ ● ●

DIFFUSED LIGHT LUMINAIRES



DIFFUSED LIGHT MODULE - 2 m

○ ● ●

DIFFUSED LIGHT MODULE - 3 m

○ ● ●

SUSPENSION LUMINAIRES

DIFFUSED LIGHT LUMINAIRE



CALMA S

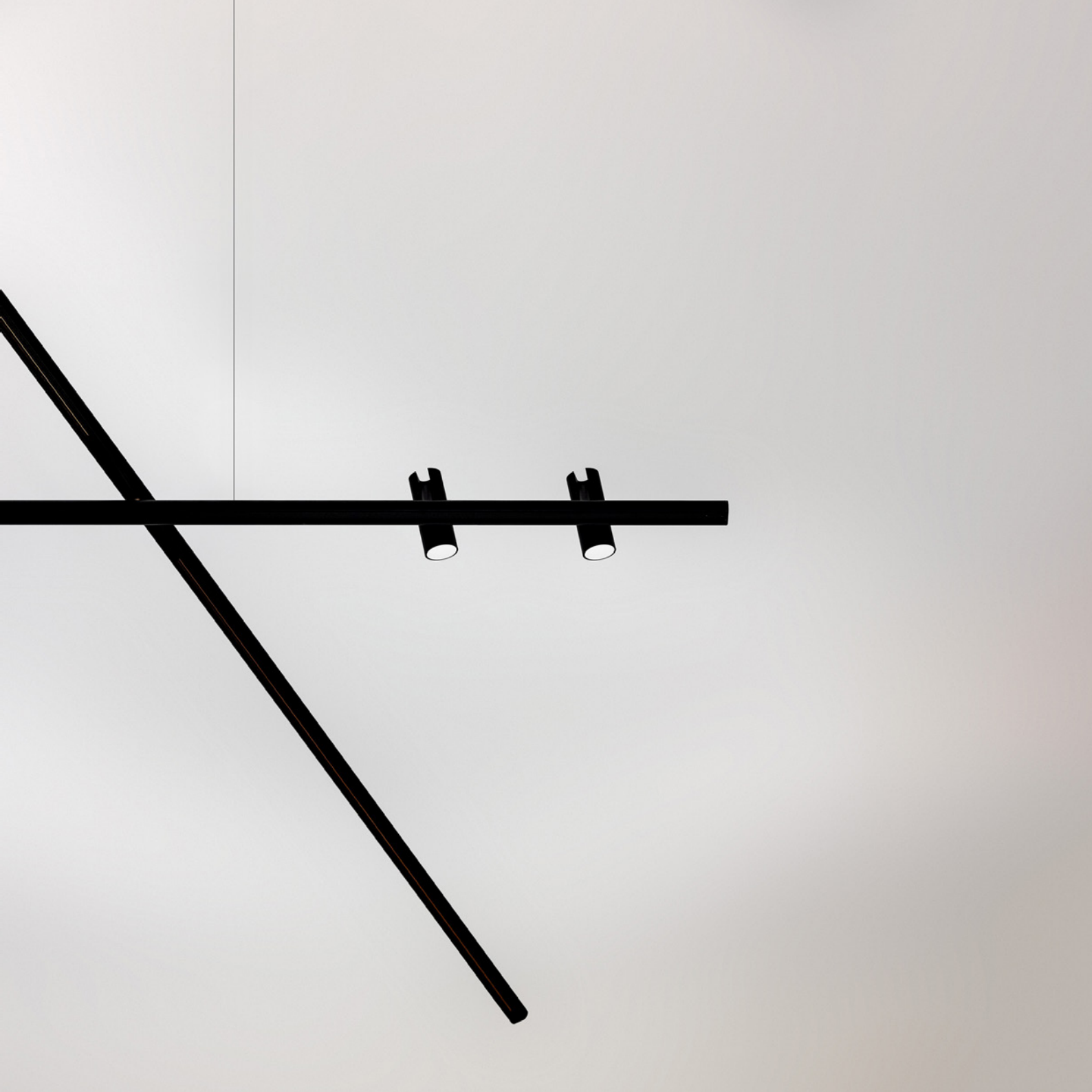
○ ● ● ● ●

DIRECT LIGHT LUMINAIRE



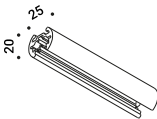
MISS 25

○ ● ● ● ●



Compulsory accessories / Accessori obbligatori

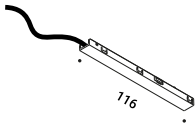
Installation kits / Kit d'installazione



Module 1 m / Modulo 1 m		Not included
Matt White	1A6870300.01.00	
Matt Black	1A6870400.01.00	
Matt Nickel	1A6874500.01.00	

Module 2 m / Modulo 2 m		Not included
Matt White	1A6870300.02.00	
Matt Black	1A6870400.02.00	
Matt Nickel	1A6874500.02.00	

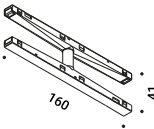
Module 3 m / Modulo 3 m		Not included
Matt White	1A6870300.03.00	
Matt Black	1A6870400.03.00	
Matt Nickel	1A6874500.03.00	



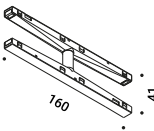
Power connector / Elemento di alimentazione			Not included
Matt White	Output 48V DC - Max 10A Cable length 2,5 m	1A4180300.04.00	
Matt Black	Output 48V DC - Max 10A Cable length 2,5 m	1A4180400.04.00	



End cap / Tappo di chiusura			Not included
Matt White		1A6870300.05.00	
Matt Black		1A6870400.05.00	



Conductive joint / Giunto conduttore			Not included
Matt White	Output 48V DC - Max 10A Brass joint	1A6870300.10.00	
Matt Black	Output 48V DC - Max 10A Brass joint	1A6870400.10.00	



Insulating joint / Giunto isolante			Not included
Matt White	Brass joint	1A6870300.11.00	
Matt Black	Brass joint	1A6870400.11.00	

Compulsory accessories / Accessori obbligatori

Suspension kits / Kit di sospensione



Ceiling rose without driver / Rosone senza alimentatore			Not included
Matt White	For electrical cables - 1 Piece	1X0010300.05.00	
Matt Black	For electrical cables - 1 Piece	1X0010400.05.00	

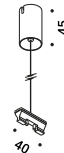


Recessed rose without driver / Rosone da incasso senza alimentatore			Not included
Matt White	For electrical cables - 1 Piece Plasterboard cut-out Ø 44 mm Minimum space for mounting 70 mm For 12,5 mm plasterboard	1X0000300.05.00	
Matt Black	For electrical cables - 1 Piece Plasterboard cut-out Ø 44 mm Minimum space for mounting 70 mm For 12,5 mm plasterboard	1X0000400.05.00	

Dedicated to SUPPORTING MODULE



Ceiling suspension kit - 2 m / Kit di sospensione a soffitto - 2 m			Not included
Standard	For suspension cables - 1 Piece	1A6870000.07.00	



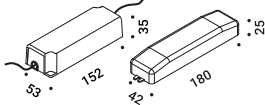
Ceiling suspension kit - 2 m / Kit di sospensione a soffitto - 2 m			Not included
Matt White	For suspension cables - 1 Piece	1A6870300.07.00	
Matt Black	For suspension cables - 1 Piece	1A6870400.07.00	



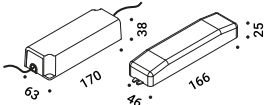
Recessed suspension kit - 2 m / Kit di sospensione a incasso - 2 m			Not included
Matt White	For suspension cables - 1 Piece Plasterboard cut-out Ø 35 mm Minimum space for mounting 120 mm	1A6870300.08.00	
Matt Black	For suspension cables - 1 Piece Plasterboard cut-out Ø 35 mm Minimum space for mounting 120 mm	1A6870400.08.00	

Compulsory accessories / Accessori obbligatori

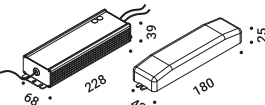
Drivers / Alimentatori



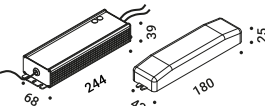
Driver with optoisolator / Alimentatore con optoisolatore		Not included
Input 100-240V - 50/60Hz	1A4170000.19.00	
Output 48V - 60W - IP20 - DALI		



Driver with optoisolator / Alimentatore con optoisolatore		Not included
Input 100-240V - 50/60Hz	1A4170000.23.00	
Output 48V - 90W - IP20 - DALI		



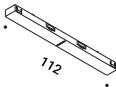
Driver with optoisolator / Alimentatore con optoisolatore		Not included
Input 100-240V - 50/60Hz	1A2810000.11.00	
Output 48V - 150W - IP20 - DALI		



Driver with optoisolator / Alimentatore con optoisolatore		Not included
Input 100-240V - 50/60Hz	1A6870000.13.00	
Output 48V - 240W - IP20 - DALI		

Optional accessories / Accessori opzionali

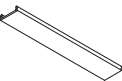
Installation kits / Kit d'installazione



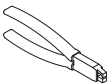
Linear connector / Connettore lineare		Not included
Matt White	Output 48V DC - Max 10A	1A4170300.16.00
Matt Black	Output 48V DC - Max 10A	1A4170400.16.00



Fixing bracket / Staffa di fissaggio		Not included
Matt White	1A6870300.04.00	
Matt Black	1A6870400.04.00	
Matt Nickel	1A6874500.04.00	



Cover - 3 m / Copertura - 3 m		Not included
Matt White	For recessed module	1A4180300.08.00
Matt Black	For recessed module	1A4180400.08.00



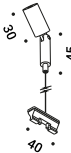
Cutting tool for conductors / Strumento da taglio per conduttori		Not included
Standard	1A4170000.17.00	

Suspension kits / Kit di sospensione



Suspension cable / Cavo di sospensione		Not included
Length 6 m	1A6870000.17.00	
Length 10 m	1A6870000.18.00	

Dedicated to SUPPORTING MODULE



Sloped ceiling suspension kit - 2 m / Kit di sospensione per soffitto inclinato - 2 m		Not included
Standard	For suspension cables - 1 Piece	1A6870000.16.00

Dedicated to CROSSING MODULE



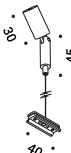
Ceiling suspension kit - 2 m / Kit di sospensione a soffitto - 2 m		Not included
Standard	For suspension cables - 1 Piece	1A6870000.06.00



Ceiling suspension kit - 2 m / Kit di sospensione a soffitto - 2 m		Not included
Matt White	For suspension cables - 1 Piece	1A6870300.06.00
Matt Black	For suspension cables - 1 Piece	1A6870400.06.00



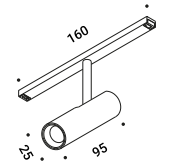
Recessed suspension kit - 2 m / Kit di sospensione a incasso - 2 m		Not included
Matt White	For suspension cables - 1 Piece Plasterboard cut-out Ø 35 mm Minimum space for mounting 120 mm	1A6870300.14.00
Matt Black	For suspension cables - 1 Piece Plasterboard cut-out Ø 35 mm Minimum space for mounting 120 mm	1A6870400.14.00



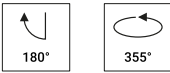
Sloped ceiling suspension kit - 2 m / Kit di sospensione per soffitto inclinato - 2 m		Not included
Standard	For suspension cables - 1 Piece	1A6870000.15.00

Compulsory accessories / Accessori obbligatori

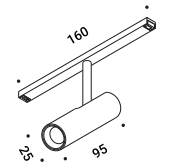
Luminaires / Corpi illuminanti



SPOT 25 - 25°
7,5W
48V DC
2700K - 300lm / 3000K - 320lm
CRI >90
Beam 25°
UGR <19
Driver integrated
DALI



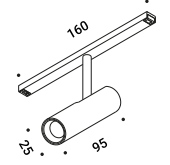
Matt White - 2700K - DALI	1A7000300.27.01
Matt White - 3000K - DALI	1A7000300.30.01
Matt Black - 2700K - DALI	1A7000400.27.01
Matt Black - 3000K - DALI	1A7000400.30.01
Matt Nickel - 2700K - DALI	1A7004500.27.01
Matt Nickel - 3000K - DALI	1A7004500.30.01



SPOT 25 - 30°
7,5W
48V DC
2700K - 350lm / 3000K - 373lm
CRI >90
Beam 30°
UGR <19
Driver integrated
DALI



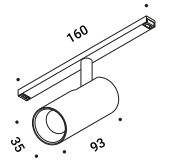
Matt White - 2700K - DALI	1A7100300.27.01
Matt White - 3000K - DALI	1A7100300.30.01
Matt Black - 2700K - DALI	1A7100400.27.01
Matt Black - 3000K - DALI	1A7100400.30.01
Matt Nickel - 2700K - DALI	1A7104500.27.01
Matt Nickel - 3000K - DALI	1A7104500.30.01



SPOT 25 - 40°
7,5W
48V DC
2700K - 360lm / 3000K - 380lm
CRI >90
Beam 40°
UGR <19
Driver integrated
DALI



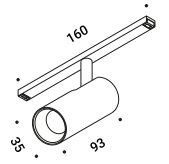
Matt White - 2700K - DALI	1A7130300.27.01
Matt White - 3000K - DALI	1A7130300.30.01
Matt Black - 2700K - DALI	1A7130400.27.01
Matt Black - 3000K - DALI	1A7130400.30.01
Matt Nickel - 2700K - DALI	1A7134500.27.01
Matt Nickel - 3000K - DALI	1A7134500.30.01



SPOT 35 - 20°
12,5W
48V DC
2700K - 680lm / 3000K - 705lm
CRI >90
Beam 20°
UGR <19
Driver integrated
DALI



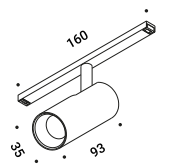
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Matt White - 3000K - DALI	1A7010300.30.01
Matt Black - 2700K - DALI	1A7010400.27.01
Matt Black - 3000K - DALI	1A7010400.30.01
Matt Nickel - 2700K - DALI	1A7014500.27.01
Matt Nickel - 3000K - DALI	1A7014500.30.01



SPOT 35 - 30°
12,5W
48V DC
2700K - 695lm / 3000K - 728lm
CRI >90
Beam 30°
UGR <19
Driver integrated
DALI



Matt White - 2700K - DALI	1A7110300.27.01
Matt White - 3000K - DALI	1A7110300.30.01
Matt Black - 2700K - DALI	1A7110400.27.01
Matt Black - 3000K - DALI	1A7110400.30.01
Matt Nickel - 2700K - DALI	1A7114500.27.01
Matt Nickel - 3000K - DALI	1A7114500.30.01



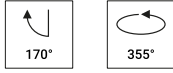
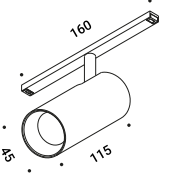
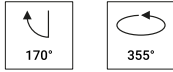
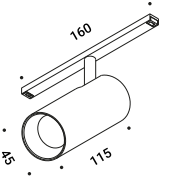
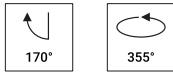
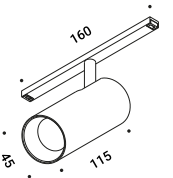
SPOT 35 - 40°
12,5W
48V DC
2700K - 713lm / 3000K - 743lm
CRI >90
Beam 40°
UGR <19
Driver integrated
DALI



Matt White - 2700K - DALI	1A7140300.27.01
Matt White - 3000K - DALI	1A7140300.30.01
Matt Black - 2700K - DALI	1A7140400.27.01
Matt Black - 3000K - DALI	1A7140400.30.01
Matt Nickel - 2700K - DALI	1A7144500.27.01
Matt Nickel - 3000K - DALI	1A7144500.30.01

Compulsory accessories / Accessori obbligatori

Luminaires / Corpi illuminanti



SPOT 45 - 20°

17,5W
48V DC
2700K - 912lm / 3000K - 960lm
CRI >90
Beam 20°
UGR <19
Driver integrated
DALI



Matt White - 2700K - DALI	1A7020300.27.01
Matt White - 3000K - DALI	1A7020300.30.01
Matt Black - 2700K - DALI	1A7020400.27.01
Matt Black - 3000K - DALI	1A7020400.30.01
Matt Nickel - 2700K - DALI	1A7024500.27.01
Matt Nickel - 3000K - DALI	1A7024500.30.01

SPOT 45 - 25°

17,5W
48V DC
2700K - 1044lm / 3000K - 1091lm
CRI >90
Beam 25°
UGR <19
Driver integrated
DALI



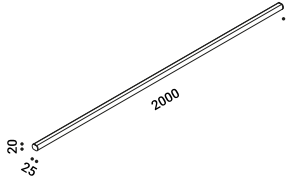
Matt White - 2700K - DALI	1A7120300.27.01
Matt White - 3000K - DALI	1A7120300.30.01
Matt Black - 2700K - DALI	1A7120400.27.01
Matt Black - 3000K - DALI	1A7120400.30.01
Matt Nickel - 2700K - DALI	1A7124500.27.01
Matt Nickel - 3000K - DALI	1A7124500.30.01

SPOT 45 - 40°

17,5W
48V DC
2700K - 1013lm / 3000K - 1053lm
CRI >90
Beam 40°
UGR <19
Driver integrated
DALI



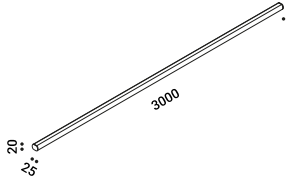
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Matt White - 3000K - DALI	1A7150300.30.01
Matt Black - 2700K - DALI	1A7150400.27.01
Matt Black - 3000K - DALI	1A7150400.30.01
Matt Nickel - 2700K - DALI	1A7154500.27.01
Matt Nickel - 3000K - DALI	1A7154500.30.01



DIFFUSED LIGHT MODULE - 2 m
20W
48V DC
2700K - 2800lm / 3000K - 2900lm
CRI >90
Driver integrated
DALI



Matt White - 2700K - DALI	1A7040300.27.01
Matt White - 3000K - DALI	1A7040300.30.01
Matt Black - 2700K - DALI	1A7040400.27.01
Matt Black - 3000K - DALI	1A7040400.30.01
Matt Nickel - 2700K - DALI	1A7044500.27.01
Matt Nickel - 3000K - DALI	1A7044500.30.01



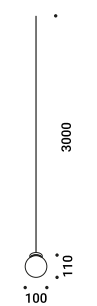
DIFFUSED LIGHT MODULE - 3 m
30W
48V DC
2700K - 4200lm / 3000K - 4350lm
CRI >90
Driver integrated
DALI



Matt White - 2700K - DALI	1A7090300.27.01
Matt White - 3000K - DALI	1A7090300.30.01
Matt Black - 2700K - DALI	1A7090400.27.01
Matt Black - 3000K - DALI	1A7090400.30.01
Matt Nickel - 2700K - DALI	1A7094500.27.01
Matt Nickel - 3000K - DALI	1A7094500.30.01

Compulsory accessories / Accessori obbligatori

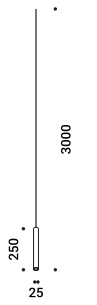
Luminaires / Corpi illuminanti



CALMA S
4W
Max 350mA DC
2700K - 410lm / 3000K - 438lm
CRI >90
Driver not included

CE IP20

Matt White - 2700K	1A6890300.27.20
Matt White - 3000K	1A6890300.30.20
Matt Black - 2700K	1A6890400.27.20
Matt Black - 3000K	1A6890400.30.20
Polished Gold - 2700K	1A6891900.27.20
Polished Gold - 3000K	1A6891900.30.20
Total Black - 2700K	1A6892600.27.20
Total Black - 3000K	1A6892600.30.20
Matt Nickel - 2700K	1A6894500.27.20
Matt Nickel - 3000K	1A6894500.30.20

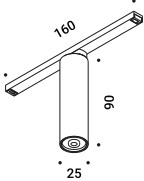


MISS 25
4W
Max 350mA DC
2700K - 290lm / 3000K - 310lm
CRI >90
Driver not included

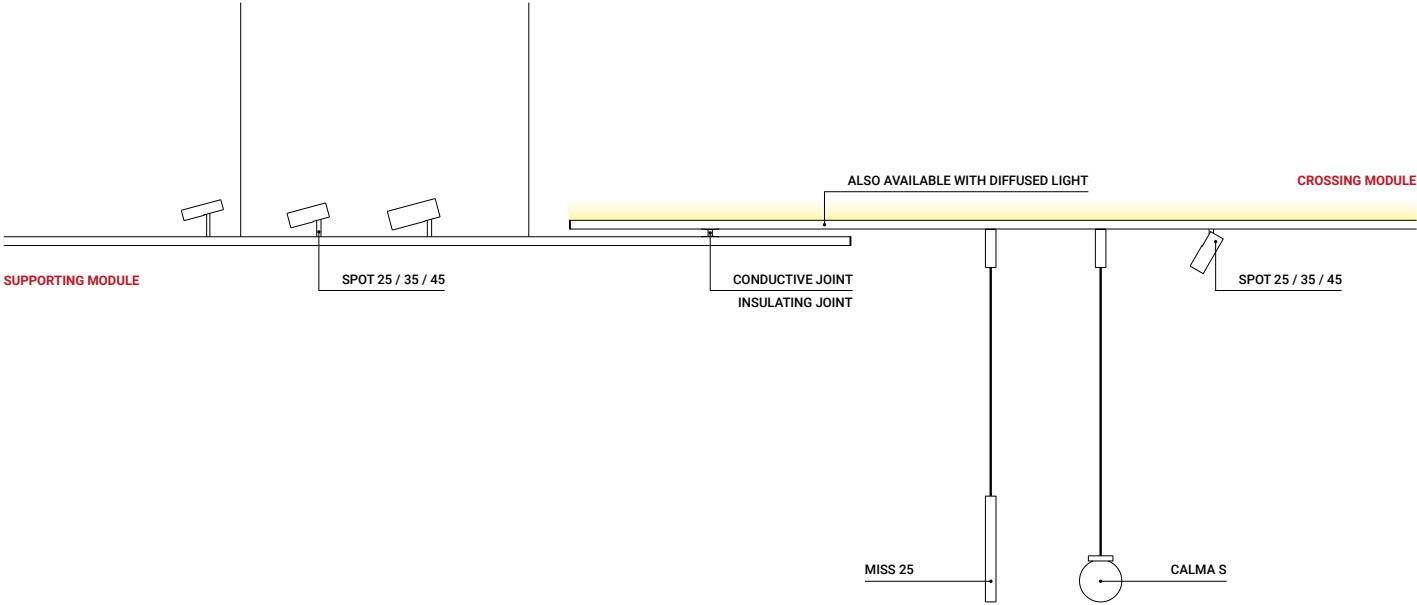
CE IP20

Matt White - 2700K	1A6960300.27.20
Matt White - 3000K	1A6960300.30.20
Matt Black - 2700K	1A6960400.27.20
Matt Black - 3000K	1A6960400.30.20
Total Black - 2700K	1A6962600.27.20
Total Black - 3000K	1A6962600.30.20
Polished Black Chrome - 2700K	1A6962800.27.20
Polished Black Chrome - 3000K	1A6962800.30.20
Matt Nickel - 2700K	1A6964500.27.20
Matt Nickel - 3000K	1A6964500.30.20

Suspension kits / Kit di sospensione



CARROPONTE adapter / Adattatore per CARROPONTE			Not included
Matt White	Input 48V DC - Output 350mA DC Max 4W - IP20 - DALI	CALMA S / MISS 25	1X0290300.01.01
Matt Black	Input 48V DC - Output 350mA DC Max 4W - IP20 - DALI	CALMA S / MISS 25	1X0290400.01.01
Matt Nickel	Input 48V DC - Output 350mA DC Max 4W - IP20 - DALI	CALMA S / MISS 25	1X0294500.01.01



CARROPONTE

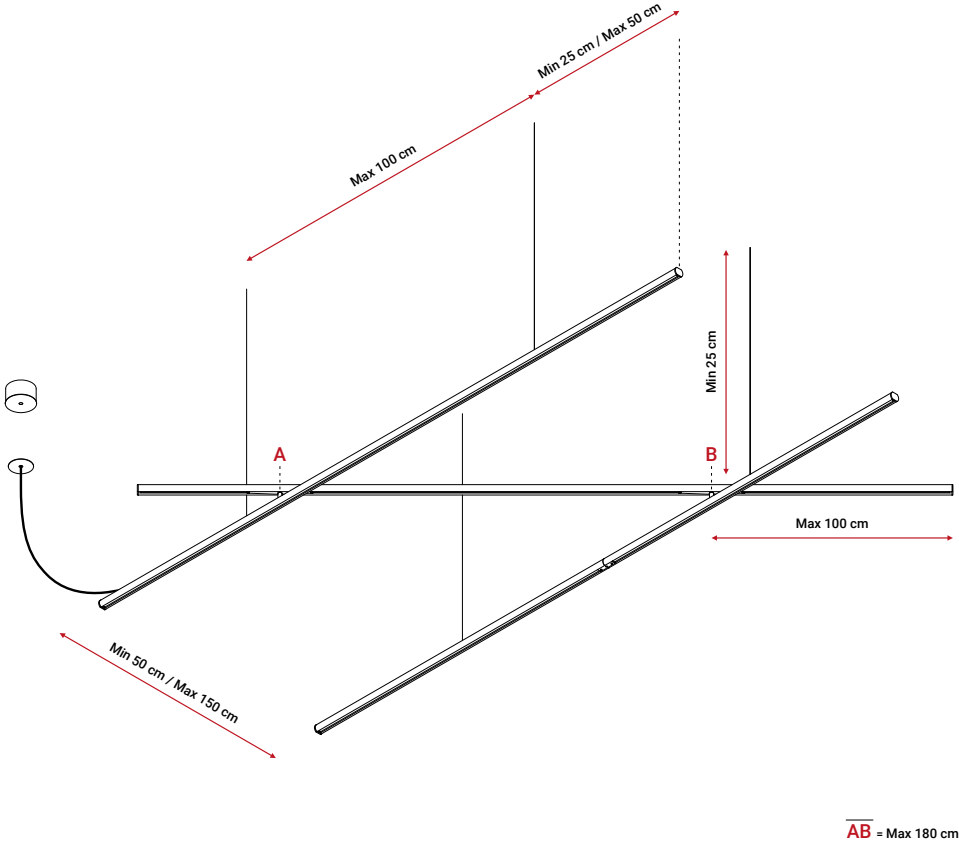
CONFIGURATION REQUIREMENTS / REQUISITI DI CONFIGURAZIONE

Make sure that no short circuit occurs in the connections between supporting modules and crossing modules.

Verificare che non si verifichi il cortocircuito nelle connessioni tra moduli portanti e trasversali.

MODULE LENGTH							
Driver to power connector distance: 5 m. Distanza driver dal connettore elettrico: 5 m.							
DRIVER	MAXIMUM MODULE LENGTH						
60W	50 m						
90W	50 m						
150W	50 m						
240W	35 m						

LUMINAIRES	W	BEAM	2700K	3000K	CRI	UGR	NET WEIGHT
DIRECT LIGHT LUMINAIRES							
SPOT 25	7,5W	25° - 40°	300–360lm	320–380lm	>90	<19	0,1 Kg
SPOT 35	12,5W	20° - 40°	680–713lm	705–743lm	>90	<19	0,2 Kg
SPOT 45	17,5W	20° - 40°	912–1013lm	960–1053lm	>90	<19	0,3 Kg
DIFFUSED LIGHT LUMINAIRES							
DIFFUSED LIGHT MODULE - 2 m	20W	-	2800lm	2900lm	>90	-	1,5 Kg
DIFFUSED LIGHT MODULE - 3 m	30W	-	4200lm	4350lm	>90	-	2,2 Kg
SUSPENSION LUMINAIRES							
CALMA S	4W	-	410lm	438lm	>90	-	0,5 Kg*
MISS 25	4W	-	290lm	310lm	>90	-	0,3 Kg*



*The weight of CALMA S and MISS 25 includes the CARROPONTE adapter. / Il peso di CALMA S e MISS 25 è comprensivo dell'adattatore per CARROPONTE.

CARROPONTE

COMPOSITIONAL OPPORTUNITIES / OPPORTUNITÀ COMPOSITIVE

Downward diffused light / Luce diffusa verso il basso

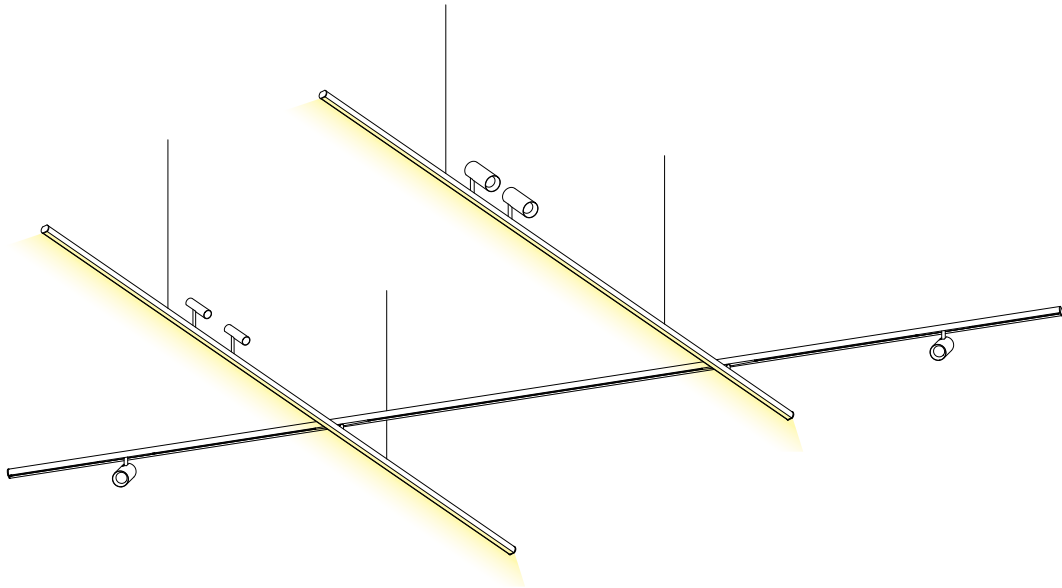
DIFFUSED LIGHT MODULES are primarily designed to generate continuous, indirect upward light. They can, however, also be used as a supporting element, with diffused light emitted downwards.

In this configuration, only **SPOT 25**, **SPOT 35** and **SPOT 45** can be installed on the upper side of the element.

I **MODULI A LUCE DIFFUSA** sono pensati principalmente per generare una luce continua e indiretta verso l'alto.

È comunque possibile utilizzare i moduli a luce diffusa come elemento di supporto, con emissione diffusa verso il basso.

In questa configurazione, sulla parte superiore dell'elemento è possibile installare esclusivamente i modelli **SPOT 25**, **SPOT 35** e **SPOT 45**.



Two-module configuration / Configurazione a due moduli

A configuration can be created consisting of a single sequence of supporting modules and a single sequence of crossing modules, powered by the supporting line. The sequence of crossing modules, with the live electrical parts facing downwards, must be suspended using the dedicated suspension kits.

È possibile realizzare una configurazione composta da una sola sequenza di moduli portanti e da una sola sequenza di moduli trasversali, alimentati dalla linea portante. La sequenza di moduli trasversali, con le parti elettriche attive rivolte verso il basso, deve essere sospesa mediante gli appositi kit di sospensione.

