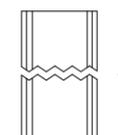
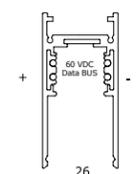


# B55



- matt white RAL 9016 painted
- matt black RAL 9005 painted



## LIGHT MODULES



C1 48V 64    GL 48V 58    INCISO Q4 48V 52    L1 48V 68



M1 48V 40    ML 48V 56    Q1 48V 44    Q4 48V 48



THE TUBE 48V 60    U1 48V 26    X1 48V 28    Y1 48V 32



Z1 48V 36

Sistema di illuminazione da interno, per installazione a sospensione e a superficie. Binario e corpi sono gestibili con sistemi di controllo remoto DALI e 1-10V. Il profilo ha lunghezza compresa fra 1 m e 3 m, estruso in alluminio con due finiture bianco e nero, è dotato di conduttori 48V. B55 a 48V si completa a sua volta con tutti i prodotti di illuminazione Buzzi & Buzzi dotati di attacchi con un'elettronica integrata. È vietato utilizzare alimentatori, driver, sistemi Bus Dati e componenti non omologati SELV e/o che abbiano una U-OUT > 60Vdc. Si raccomanda l'utilizzo di un ripetitore optoisolato DALI compatibile per rendere compatibile un comando FELV in SELV (vedi codice: T048 A 00078 00).

*Lighting system for interiors, for pendant and surface installation. Track and structures can be managed by DALI and 1-10V remote control systems. The length of the profile is between 1 and 3 m, extruded in aluminium with two white and black finishes, it is fitted with 48V wires. The 48V B30 is in turn completed with all the Buzzi and Buzzi lighting products equipped with sockets with integrated electronics. The use of NON SELV or U-OUT > 60Vdc power supplies, drivers and components is strictly forbidden. It is recommended the usage of an opto-insulated repeater DALI to convert FELV into SELV (code: T048 A 00078 00).*

## CODE COMPOSITION

T048 T 02	_ 1 _ 1	length	01	1000 mm
			02	2000 mm
			03	3000 mm
		finishing	W1	white RAL 9016
			B1	black RAL 9005

example of code composition    T048 T 02 W1 1 01 1

## TECHNICAL FEATURES

Code	T048 T 02 XX
Type	Low voltage track
Material	Aluminum
Finishing	White RAL 9016   Black RAL 9005
Weight	-
Mounting	Surface   Suspension
IP rating	-
Insulation class	III
Control gear	Remote power supply (not included)
Dimensions	A: 1000 mm   2000 mm   3000 mm
Cut out for plasterboard	-
Voltage connection	48 VDC
Circuits	2 x ±15 A · 48 VDC 1 x ±15 A · 48 VDC + D+/D-
Note	B55 is a 48V powered electrical system and limited to a maximum current of 15 A.  The supply connectors, plugs and further fixture accessories must be ordered separately.  Any 90° connector must be ordered separately to ensure electric continuity in the corners.  Light points cannot be installed in the corners.  For ceiling or wall mounting, it's possible to fix the rail directly with self-tapping countersunk head screws, while the suspended installation requires the purchase of the specific kit.

**TESTATA DI ALIMENTAZIONE**  
POWER HEAD



CODE COMPOSITION

T048 A 000_	finishing
<b>01 W1</b>	white RAL 9016
<b>02 B1</b>	black RAL 9005

example of code composition T048 A 00001 W1

TECHNICAL FEATURES

Code	<b>T048 A XX</b>
Type	Non-polarised power head
Material	Polycarbonate
Finishing	White RAL 9016  Black RAL 9005 
Fixing	Plug-in
Insulation class	III
Voltage connection	15 A max · 48 VDC
Note	-



**GIUNTO PASSANTE**  
THROUGH JOINT



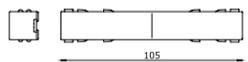
CODE COMPOSITION

T048 A 000_	finishing
<b>03 W1</b>	white RAL 9016
<b>04 B1</b>	black RAL 9005

example of code composition T048 A 00003 W1

TECHNICAL FEATURES

Code	<b>T048 A XX</b>
Type	Non-polarised through joint
Material	Polycarbonate
Finishing	White RAL 9016  Black RAL 9005 
Fixing	Plug-in
Insulation class	III
Voltage connection	15 A max · 48 VDC
Note	Used to connect two tracks and to guarantee the supply of current.



**GIUNTO ANGOLARE A 90°**  
90° CORNER JOINT



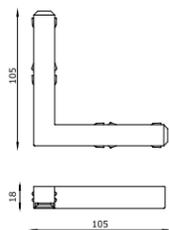
CODE COMPOSITION

T048 A 000_	finishing
<b>05 W1</b>	white RAL 9016
<b>06 B1</b>	black RAL 9005

example of code composition T048 A 00005 W1

TECHNICAL FEATURES

Code	<b>T048 A XX</b>
Type	Non-polarised 90° corner joint
Material	Polycarbonate
Finishing	White RAL 9016  Black RAL 9005 
Fixing	Plug-in
Insulation class	III
Voltage connection	15 A max · 48 VDC
Note	Used to connect two tracks joined at 90° and to guarantee that current reaches the corners.  Light points cannot be installed in the corners.



**GIUNTO FLESSIBILE**  
FLEXIBLE JOINT



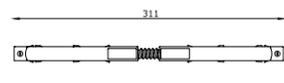
CODE COMPOSITION

T048 A 000_	finishing
<b>07 W1</b>	white RAL 9016
<b>08 B1</b>	black RAL 9005

example of code composition T048 A 00007 W1

TECHNICAL FEATURES

Code	<b>T048 A XX</b>
Type	Flexible joint
Material	Polycarbonate
Finishing	White RAL 9016  Black RAL 9005 
Fixing	Plug-in
Insulation class	III
Voltage connection	15 A max · 48 VDC
Note	Used to connect two tracks installed on different surfaces (ceiling-wall) or to create different angles from 90° and to guarantee power supply.  Light points cannot be installed in the corners.



**GIUNTO ELETTRICO PER CONNESSIONE A "T"**  
ELECTRICAL T-JOINT



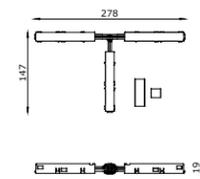
CODE COMPOSITION

T048 A 000_	finishing
<b>85 W2</b>	white RAL 9010
<b>84 B1</b>	black RAL 9005

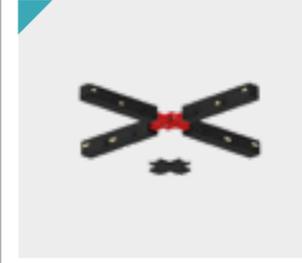
example of code composition T048 A 000XX W1

TECHNICAL FEATURES

Code	<b>T048 A XX</b>
Type	Non-polarised "T" joint
Material	Polycarbonate + 2 cover in PMMA
Finishing	White RAL 9016  Black RAL 9005 
Fixing	Snap-in fixing
Insulation class	III
Voltage connection	15 A max · 48 VDC
Note	Used to connect three tracks joined with a "T" junction and to guarantee that current reaches the corners.  Light points cannot be installed in the corners.



**GIUNTO ELETTRICO PER CONNESSIONE A "X"**  
ELECTRICAL X-JOINT



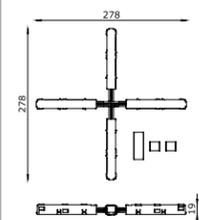
CODE COMPOSITION

T048 A 000_	finishing
<b>87 W2</b>	white RAL 9010
<b>86 B1</b>	black RAL 9005

example of code composition T048 A 000XX W1

TECHNICAL FEATURES

Code	<b>T048 A XX</b>
Type	Non-polarised "X" joint
Material	Polycarbonate + 3 cover in PMMA
Finishing	White RAL 9016  Black RAL 9005 
Fixing	Snap-in fixing
Insulation class	III
Voltage connection	15 A max · 48 VDC
Note	Used to connect three tracks joined with a "X" junction and to guarantee that current reaches the corners.  Light points cannot be installed in the corners.



**KIT SOSPENSIONE E GIUNZIONE**  
SUSPENSION AND JUNCTION KIT

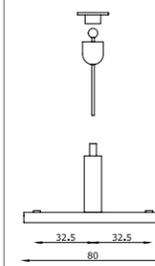


CODE COMPOSITION

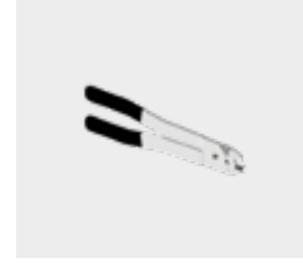
T048 A 00024 00

TECHNICAL FEATURES

Code	<b>T048 A 00024 00</b>
Type	Suspension and junction kit
Material	Steel
Finishing	-
Fixing	-
Note	Kit composed of metallic spherical rose, steel cable Ø 1.5 mm and automatic screw coupling attached to the bracket.  Cable length 3 m (on request different lengths are available).  Position the fixture kit with an inter-axis of 450 mm for a max capacity of 50 kg, or 900 mm for max 25 kg.



**TRONCHESA**  
CUTTER



CODE COMPOSITION

TRK 00000 42

TECHNICAL FEATURES

Code	<b>TRK 00000 42</b>
Type	Conductor cutting pliers
Material	-
Finishing	-
Fixing	-
Note	The 1000/2000/3000 mm long tracks are supplied with copper wires already tested with respect to the aluminium in order to prevent the copper terminals from coming into contact with each other, in the case of double power supply, or, to prevent them from touching each other, if closure plugs are used.  If it should be necessary to shorten the length of the track during installation, use the special cutting nippers taking care to pull out the four wires by at least 5 mm to guarantee correct electric distances.



**CONNESSIONE MECCANICA PER ANGOLO 90°**  
90° MECHANICAL CONNECTION



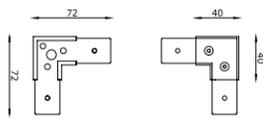
CODE COMPOSITION

T048 A 000_	finishing
19 W1	white RAL 9016
20 B1	black RAL 9005

example of code composition T048 A 00019 W1

TECHNICAL FEATURES

Code	T048 A XX
Type	90° corner joint cover
Material	Aluminum body, steel bracket
Finishing	White RAL 9016  Black RAL 9005 
Fixing	By screws
Note	The 90° corner joint allows the mechanical connection of the tracks, forming a 90° angle, without cutting them at 45°.



**GIUNTO MECCANICO A "T"**  
MECHANICAL T-JOINT



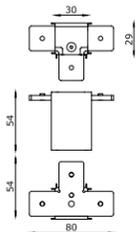
CODE COMPOSITION

T048 A 000_	finishing
82 W1	white RAL 9016
80 B1	black RAL 9005

example of code composition T048 A 00080 B1

TECHNICAL FEATURES

Code	T048 A XX
Type	Surface/suspended joint
Material	Polyamide body and steel bracket
Finishing	White RAL 9016  Black RAL 9005 
Fixing	By screws (not included)
Note	The "T" joint allows the mechanical connection of three B55 tracks forming a "T" cross.  It's necessary to be associated to T048 A 00084 B1 or T048 A 00085 W2 code to allow electrical and signal continuity.



**GIUNTO MECCANICO A "X"**  
MECHANICAL X-JOINT



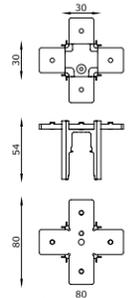
CODE COMPOSITION

T048 A 000_	finishing
83 W1	white RAL 9016
81 B1	black RAL 9005

example of code composition T048 A 00081 B1

TECHNICAL FEATURES

Code	T048 A XX
Type	Surface/suspended joint
Material	Polyamide body and steel bracket
Finishing	White RAL 9016  Black RAL 9005 
Fixing	By screws (not included)
Note	The "X" joint allows the mechanical connection of three B55 tracks forming a "X" cross.  It's necessary to be associated to T048 A 00086 B1 or T048 A 00087 W2 code to allow electrical and signal continuity.



**TAPPO DI CHIUSURA**  
CLOSURE PLUG



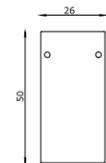
CODE COMPOSITION

T048 A 000_	finishing
11 W1	white RAL 9016
12 B1	black RAL 9005

example of code composition T048 A 00011 W1

TECHNICAL FEATURES

Code	T048 A XX
Type	Closure plug
Material	Polycarbonate
Finishing	White RAL 9016  Black RAL 9005 
Fixing	By screws (included)
Note	-



**TAPPO DI CHIUSURA FORATO**  
HOLED CLOSURE PLUG



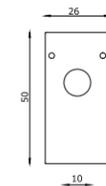
CODE COMPOSITION

T048 A 000_	finishing
15 W1	white RAL 9016
16 B1	black RAL 9005

example of code composition T048 A 00015 W1

TECHNICAL FEATURES

Code	T048 A XX
Type	Closure plug with hole for cable passage
Material	Polycarbonate
Finishing	White RAL 9016  Black RAL 9005 
Fixing	By screws (included)
Note	-



**COVER DI CHIUSURA**  
CLOSING COVER



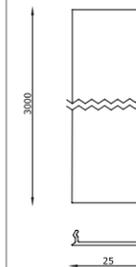
CODE COMPOSITION

T048 A 000_	length and finishing
74 W1	3000 mm white RAL 9016
56 B1	1000 mm black RAL 9005
57 B1	2000 mm black RAL 9005
18 B1	3000 mm black RAL 9005

example of code composition T048 A 00018 B1

TECHNICAL FEATURES

Code	T048 A XX
Type	Aesthetic closing cover
Material	PMMA
Finishing	White RAL 9016  Black RAL 9005 
Fixing	-
Note	Cover installable at the bottom between the various spotlights, to hide the inside of the track and to allow aesthetic continuity.



**CASSETTA PER ALIMENTATORE**  
SUPPLY BOX



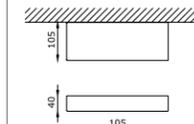
CODE COMPOSITION

T048 A 000_	finishing
58 W1	white RAL 9016
59 B1	black RAL 9005

example of code composition T048 A 00058 W1

TECHNICAL FEATURES

Code	T048 A XX
Type	48V supply box
Material	Steel
Finishing	White RAL 9016  Black RAL 9005 
Fixing	By screws
Insulation class	-
Voltage connection	-
Note	The purpose of the supply box attached to the surface is to house the driver in all those situations in which a remote driver cannot be used.



**ALIMENTATORE**  
POWER SUPPLY



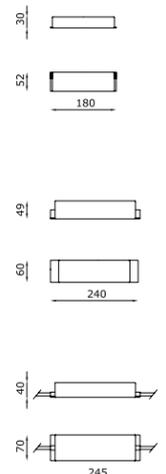
CODE COMPOSITION

T048 A 000_00	max wattage
96	75W
97	150W
60	240W

example of code composition T048 A 00096 00

TECHNICAL FEATURES

Code	T048 A XX
Type	Constant voltage driver
Material	-
Finishing	-
Fixing	-
Insulation class	-
Voltage connection	220-240V 50/60Hz - 48 VDC
Max wattage	75W   150W   240W
Note	-



**RIPETITORE  
OPTOISOLATO DALI**  
OPTO-INSULATED  
REPEATER DALI

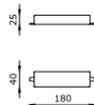


CODE COMPOSITION

T048 A 00078 00

TECHNICAL FEATURES

Code	<b>T048 A 00078 00</b>
Type	DALI signal repeater and regenerator
Material	-
Finishing	-
Fixing	-
Insulation class	-
Voltage connection	48 VDC
Max wattage	-
Note	The device makes the DALI FELV signal compatible with the Buzzi & Buzzi 48V track system, making it SELV.



**DALI GATE 48V**  
DALI GATE 48V



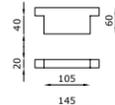
CODE COMPOSITION

<b>T048 A 000</b>	
	finishing
<b>77 W1</b>	white RAL 9016
<b>73 B1</b>	black RAL 9005

example of code composition  
T048 A 000**77 W1**

TECHNICAL FEATURES

Code	<b>T048 A XX</b>
Type	Dali Gate Bluetooth®
Material	-
Finishing	White  Black
Fixing	-
Insulation class	-
Voltage connection	220-240V · 50/60Hz · 48 VDC
Max wattage	6W
Note	DALI GATE Casambi has been designed and developed to control lamps with DALI drivers using the Casambi app, installed on mobile devices. The Casambi app communicates with DALI GATE by means of Bluetooth® technology. The received signal is then adequately interpreted to generate the corresponding command on the DALI bus.  Up to 64 lamps (control gear) can be programmed, assigning them to up to 8 groups.  It must be the only DALI master on the bus (MONO MASTER bus).



EXAMPLE OF INSTALLATION

