

BEST of NEOCON
GOLD AWARD
Lounge Furniture Collections





WHAT IS LONGO?

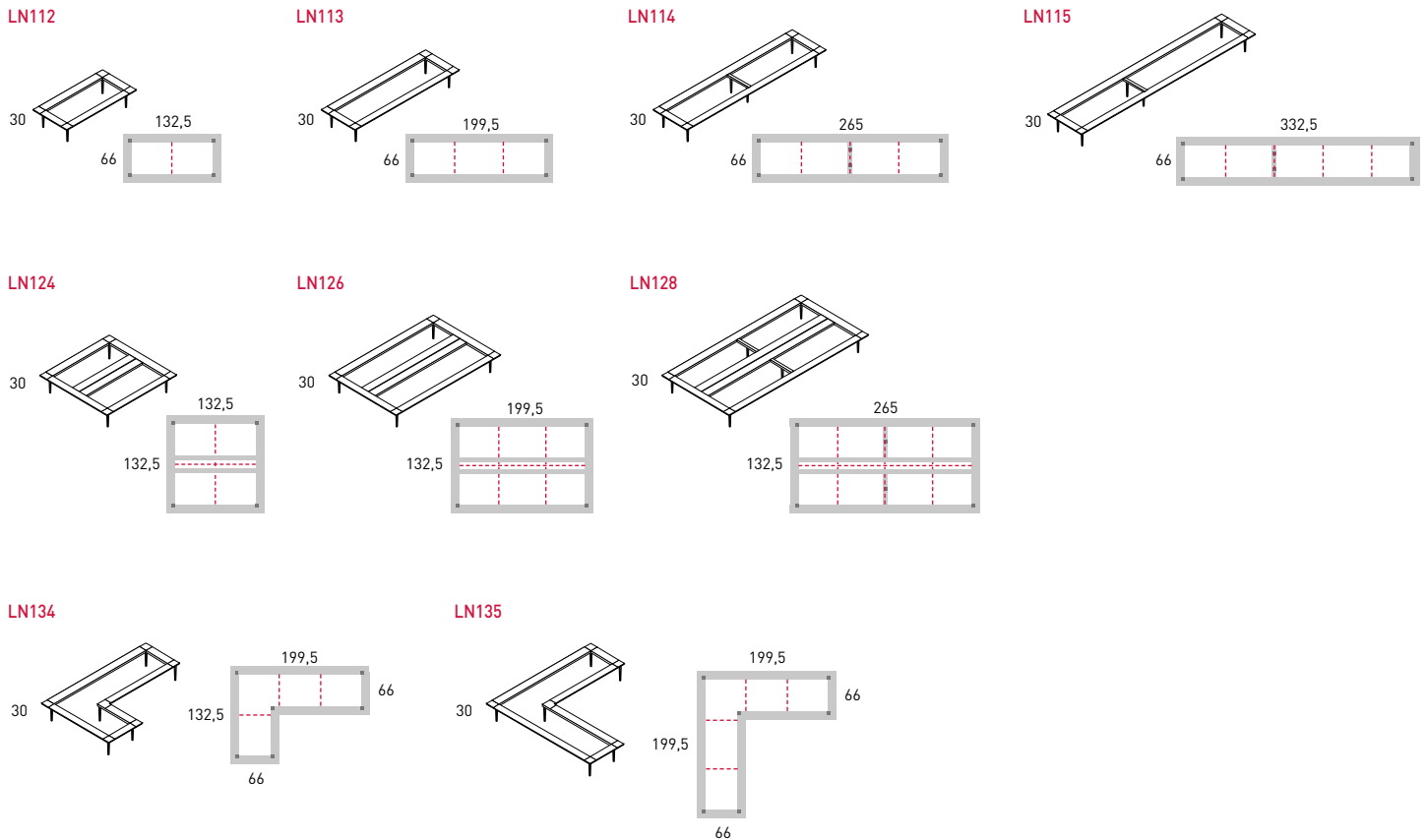


Longo is a modular system including sofas, general desking, executive desks, storage, accessories and screens that offer privacy to the furniture.

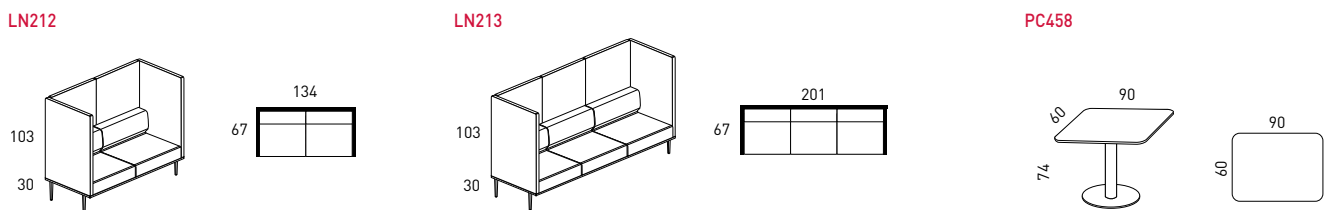
The configuration of Longo stems from a solid extruded aluminium structure on which we attach the cast iron legs and endless possibilities to achieve the desired environment, always maintaining a unitary visual concept.

Longo enables more friendly, open and relaxed environments, where formal structures and dynamic spaces thrive to create a harmonious environment.

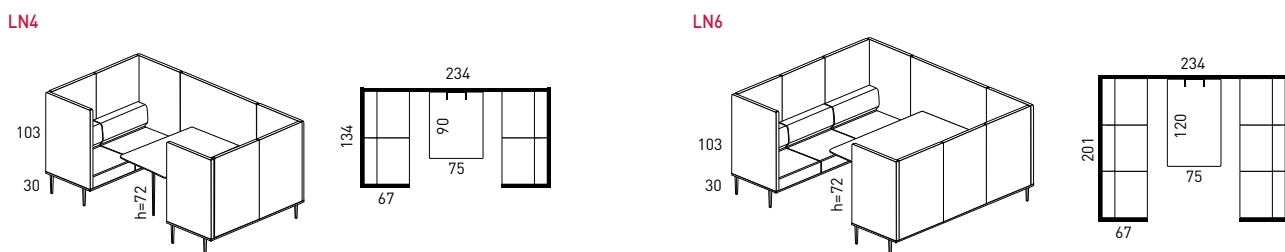
MODULES WITHOUT DIVIDER



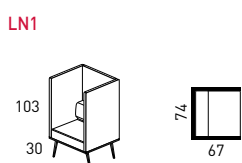
MODULES WITH HIGH DIVIDER



LONGO POD - MODULES WITH HIGH DIVIDER AND TABLE

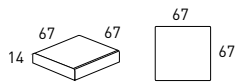


LONGO PHONE BOOTH - INDIVIDUAL MODULE WITH HIGH DIVIDER



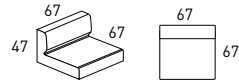
TYPE OF SEAT

LN01



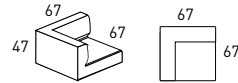
Cushion

LN02



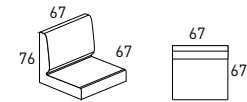
Low back

LN07



Low back for use in corner

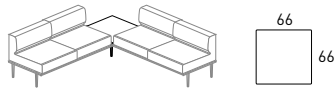
LN03



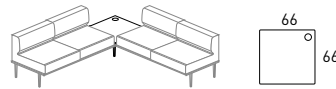
Medium Back

CORNER TABLES USE IN STRUCTURE LONGO

LN800



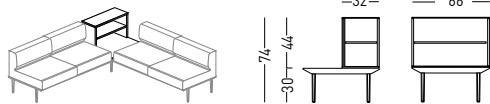
LN800..U



"U" Access Wiring

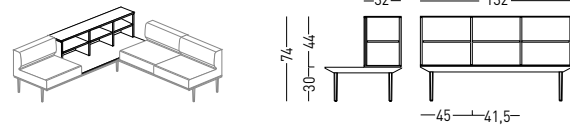
CABINETS FOR USE ON STRUCTURE LONGO (include table)

LN865



Using cabinet in corner - WITHOUT DIVIDER

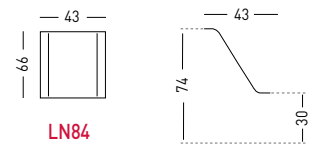
LN860



Using cabinet in corner - WITHOUT DIVIDER

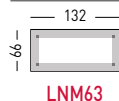
CHANGE OF HEIGHT CONNECTOR (from table height to seating height)

TABLES FOR USE WITH CONNECTION MODULE FOR 2 HEIGHTS (See Longo Tables Program in Operative Desks)



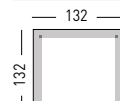
LN84

CONTACT DESKS

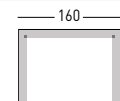


LNM63

OPERATIVE TWIN DESKS

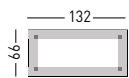


LNM53



LNM55

COFFEE TABLES - 32 cm HEIGHT



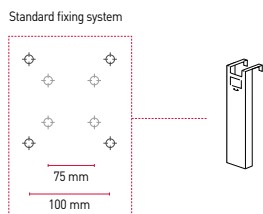
LNM02



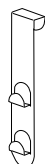
LNM03

3^{ed} LEVEL ACCESSORIES

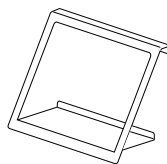
LKC52 Support monitor - 48,9 cm
(For panels of 130 cm height)



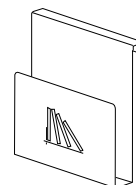
LKC10 Double coat rack



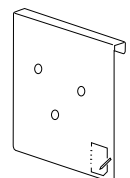
LKC20 Shelf - bottom 22cm



LKC30 Magazine rack - 32x42 cm



LKC40 Magnetic board - 40x42 cm
(magnets not included)



i Maximum weight and sizes

TV 27-32" maximum

10 KG maximum

1. STRUCTURE



DESCRIPTION

- ① Aluminium **frame and legs** where all the seats and storage units are mounted to unique.
- ② - **Cushions, low seats, corner seats and middle seats** manufactured from injected foam 55-60kg / m³, interior frame of perimeter steel tube of $\varnothing = 16$ mm and a membrane of $\varnothing = 4$ mm, available in different quality upholstery.
- ③ - **Soundproofing screens.** Made of board and polyurethane foam (60kg/m³), available in different quality upholstery.
- ④ - **Individual tables and filing systems** made of melamine board. Available finishes: white, lime oak and chestnut.
- ⑤

STRUCTURE

- **Underframe.** extruded aluminium profile coated in silver, white or black/polished finish.
- **Feet:**
 - injected with aluminum in a pandramid shape, covered in epoxy paint in white, silver, black finishes.
 - wood in a pandramid shape in Beech finish.
 - Leveler made from injected aluminium with an anti-slip sole.
- **Joint brackets** made of cast aluminum, finished in white epoxy paint in finishes: white, silver, black and black/polished.

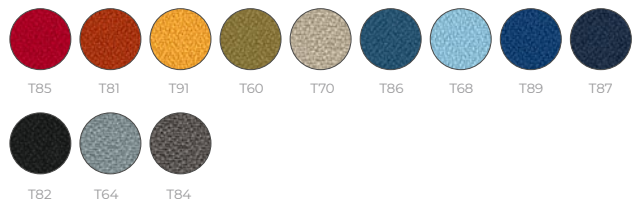
LEG h30 cm



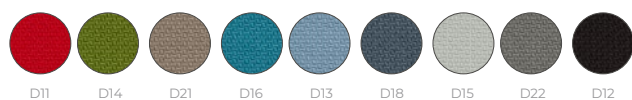
- **Die-cast aluminum leveler** with anti-slip sole.

FINISHES

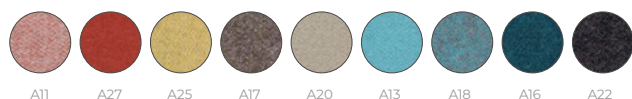
Fabric T



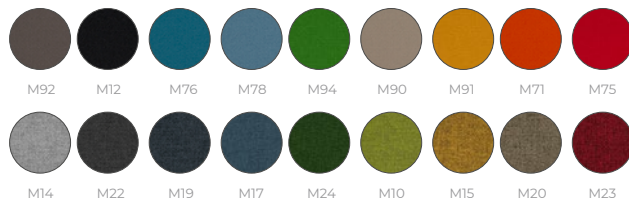
Fabric D



Fabric A



Fabric M



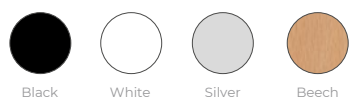
Fabric V



Fabric U



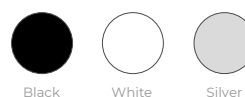
Structure



Melamina



Accessories



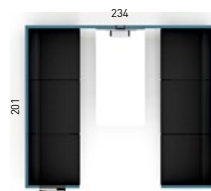
2. LONGO POD / PHONE BOOTH



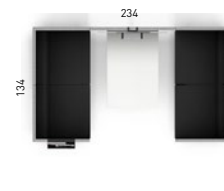
■ DESCRIPTION

- ① **Underframe** extruded aluminium profile coated in silver, white or black/polished finish.
- ② **Cast aluminum legs** in a pyramid-shape, made of cast aluminum and finished with epoxy paint: white, silver and black.
- ③ **Joint brackets** made of cast aluminum, finished in white epoxy paint in finishes: white, silver, black and black/polished.
- ④ **Low seats** manufactured from injected foam 55-60kg/m³, interior frame of perimeter steel tube of Ø=16 mm and a membrane of Ø= 4 mm, available in differents quality upholstery.
- ⑤ **Soundproofing screens.** Made of board and polyurethane foam, available in differents quality upholstery.
- ⑥ **Table** Made of melamine board. Available finishes: white, lime oak, chesnut and dark oak.

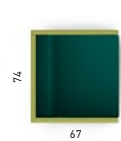
LONGO POD - Mod. LN6



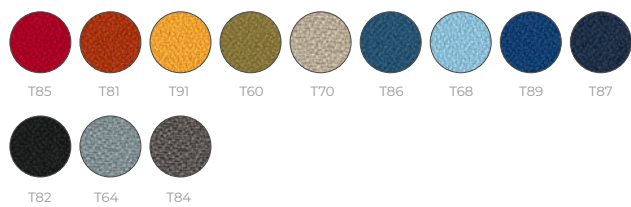
LONGO POD - Mod. LN4



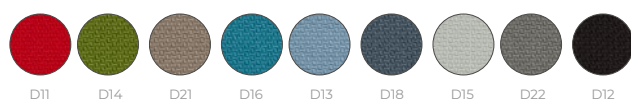
LONGO PHONE BOOTH - Mod. LN1



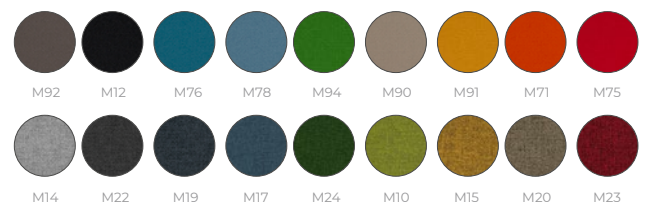
Fabric T



Fabric D



Fabric M



Fabric A



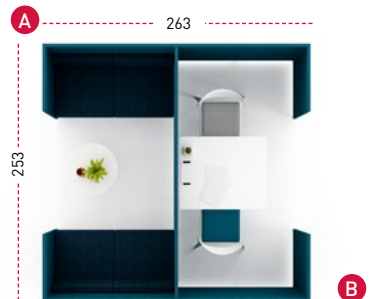
 3. LONGO POD - FREE STANDING SCREENS

For projects that require the **Longo POD - Free Standing Screens**, consult **SALES DEPARTMENT**.

A



B



NOISE POLLUTION IN THE OFFICE

Generally, the noise pollution levels in an office do not constitute a hearing risk for the people, however it can generate inconveniences that may affect concentration, work performance or attention span.

Acoustic comfort is the sound level that does not disturb and does not cause direct damage to health. The acoustic comfort is better in offices with high level of acoustic products.



REFERENCE VALUES

There is no mandatory acoustic legislation. Nevertheless, according to the Technical Guide from RD 488/1997, April 14, noise should not exceed 55 Db (A) when the user is doing difficult tasks.

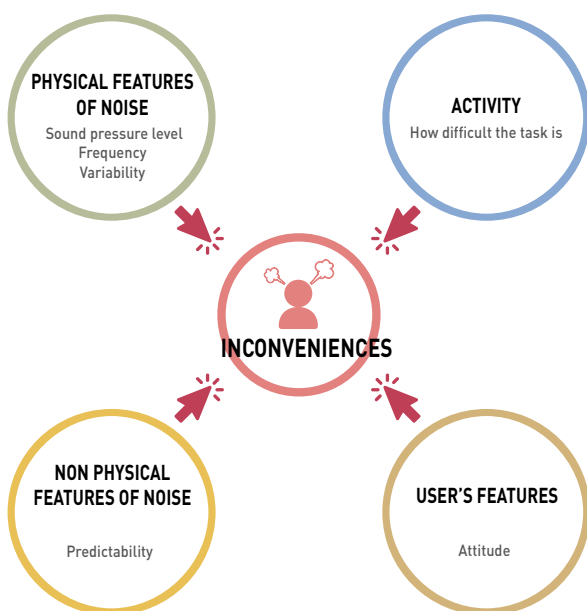
• Basic building legislation	88 dB(A)
• Professional office	40 dBA
• Offices	45 dBA

CAUSES OF ACOUSTIC POLLUTION

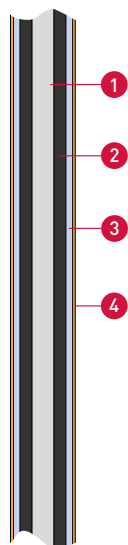
- Attitude of the user. Does he accept it or not.
- Physical features of noise
 - » Types of tones. Pure tones (those that do not vary in frequency) more annoying than the compounds. Even more when aired on audible frequencies (500 – 2000Hz)
 - » Frequency. More annoying high frequencies than low ones.
 - » Randomness. The variation in noise annoyance increases.
- Non physical characteristics. The most annoying noise is the less predictable noise.
- Type of activity. Higher discomfort when more concentration is needed.

HOW TO CONTROL NOISE SOURCES

- Controlling noise within teams by:
 - » Installing printers and faxes in remote rooms and areas
 - » Using silent office equipment, by adding insulated housing
 - » Lower the intensity of telephones and communication devices
 - » Use doors with spring systems....
- Control the noise within ventilation and air conditioning
- **Avoid noise transmission between units using insulating the walls**
- Creating acoustic barriers by:
 - » Using acoustic materials in the walls, ceilings and floors
 - » **Using surfaces that do not reflect noise too much. (Reverberation Time ≤ 1 seg)**
 - » Placing acoustic panels and screens between desks and workstations
 - » Provide office furniture that improves the acoustic behavior of space, hollow ceilings, carpeted floor, upholstered chairs....
 - » **Respect the local occupancy according to its volume and its use**
 - » Achieve quiet habits of conduct and communication



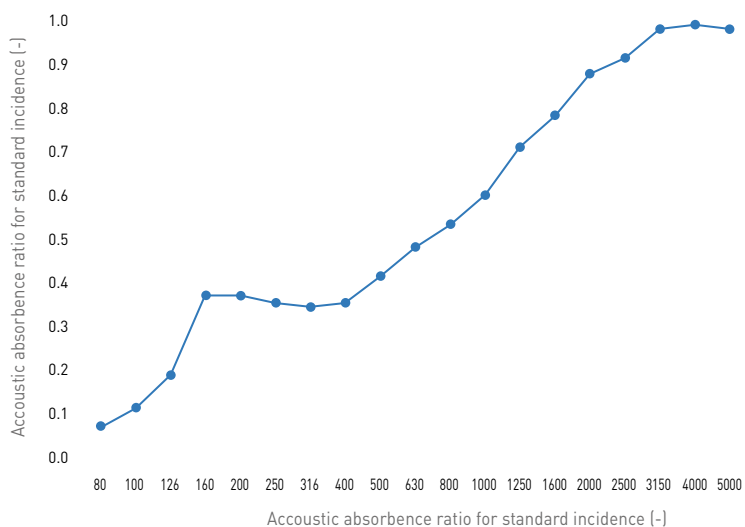
LONGO AND LINK ACCOUSTIC SCREENS



- ① 10 mm thick panel
- ② Foam thickness $e = 10$ mm and 60 Kg/m³ density
- ③ Fabric foam 3mm thick and 20kg/m³ density
- ④ Different fabrics available glued using water glue.
- Optional acoustic or fire resistant fabrics for projects.

Actiu fabric range		
GROUP "M"	MELANGE	Medium acoustic properties. Fire resistant fabric.
GROUP "B"	BLAZER	Good acoustic properties

Acoustic absorbance ratio - UNE EN ISO 354:2004



Frequency (HZ)	Ratio
80	0,07
100	0,11
125	0,19
160	0,37
200	0,37
250	0,35
315	0,34
400	0,35
500	0,41
630	0,47

Frequency (HZ)	Ratio
800	0,53
1000	0,60
1250	0,71
1600	0,78
2000	0,87
2500	0,91
3150	0,98
4000	0,99
5000	0,98



MATERIALS

Maximum use of materials to eliminate and minimize scraps. Use of recyclable and recycled materials in those components that do not affect the functionality and durability.

71,74%
RECYCLED
MATERIALS



PRODUCTION

Maximum optimization of energy use. Minimal environmental impact. Last generation technological systems. Zero discharge of wastewater. No VOC coatings. Processes free of heavy metals, phosphates, OC and COD.

100%
RECYCLABLE
ALUMINIUM, STEEL
& WOOD



TRANSPORT

Detachable systems. Volumes that facilitate the optimization of space. Maximum reduction of energy consumption by transport.

100%
RECYCLABLE
PACKAGE AND THINNER
FREE



USE

Quality and warranty. Long lasting. Replacements available.

EASY
TO CLEAN
AND MAINTAIN



DISPOSAL

Waste reduction. Supplier-manufacturer packaging reuse system. Components are easy to be separated. Inks in packaging are water-based, without solvents.

87,97%
RECYCLABLE
MATERIALS

■ **CERTIFICATES AND REFERENCES**

The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).



The mark of responsible forestry



EN ISO 14006:2011
ECODESIGN Certificate



UNE-EN ISO 9001:2008
ISO 9001 Certificate



UNE-EN ISO 14001:2004
ISO 14001 Certificate



E1 Certificate
by EN 13986



California 93120
Compliant: Formaldehyde: Phase 2



ACTIU TECHNOLOGY PARK
LEED® PLATINUM certified by USGBC
Leadership in Energy & Environmental Design
LEED® Gold certified 2011 - LEED® Platinum certified 2017

■ **NORMS**

LONGO has passed tests done in our technical department as well as the tests done in **AIDIMA** the Technological Institute for furniture. The tests correspond to **UNE** standards and office desks:

Dividers

- **UNE EN ISO 354:04**. Acoustics.