

BEST of NEOCON
GOLD AWARD
Lounge Furniture Collections





WHAT IS LONGO?

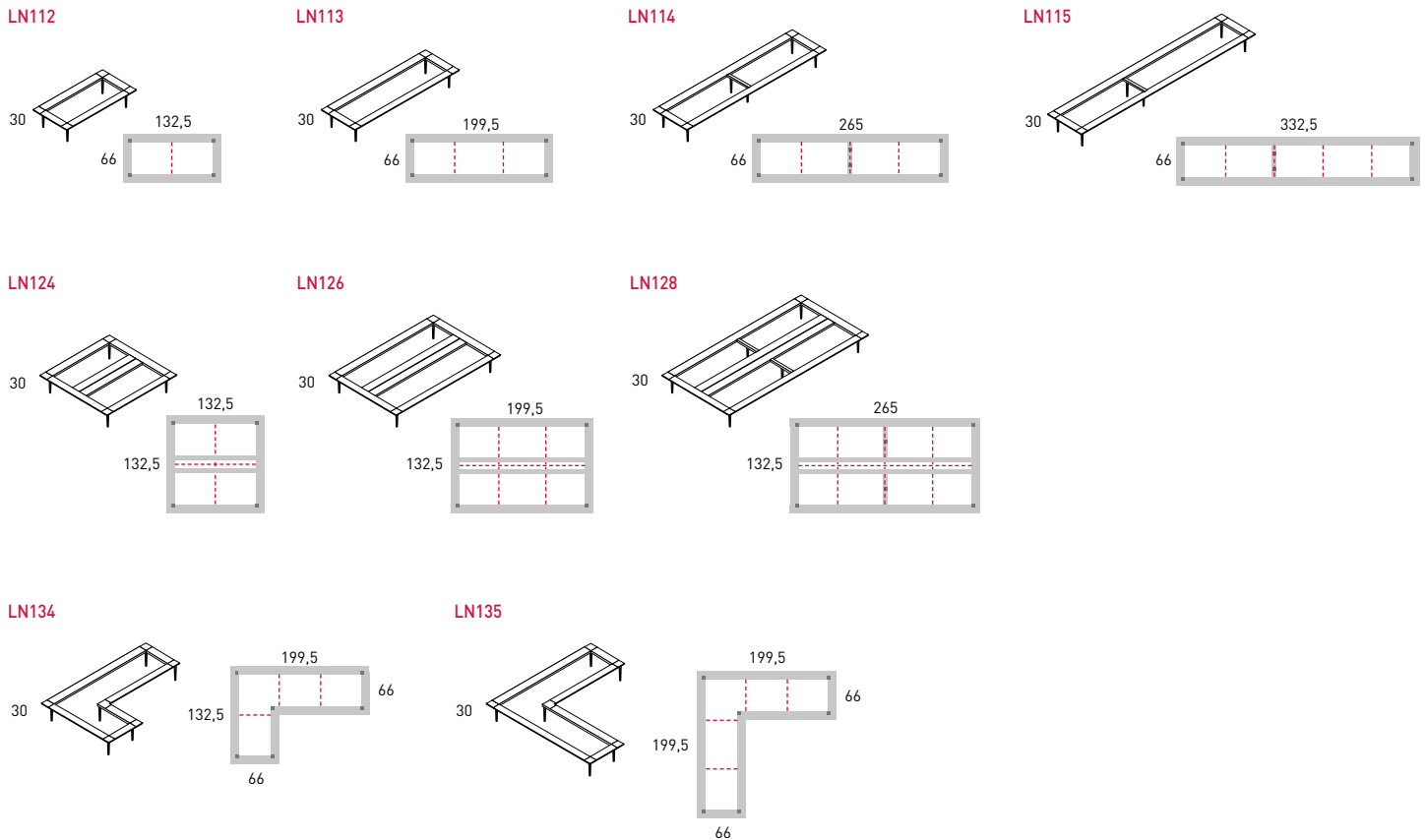


Longo is a modular system consisting of sofas, operative and managerial desks, with storage solutions (cabinets, libraries) , accessories and sound absorbing panels which incorporate decorative accessories and items that inspire a cheerful environment.

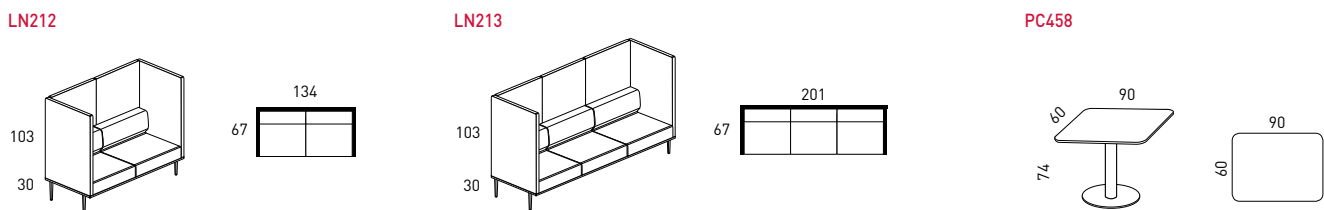
The configuration of Longo stems from a solid extruded aluminium structure on which we attach the cast iron legs and endless possibilities to achieve the desired environment, always maintaining a unitary visual concept.

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

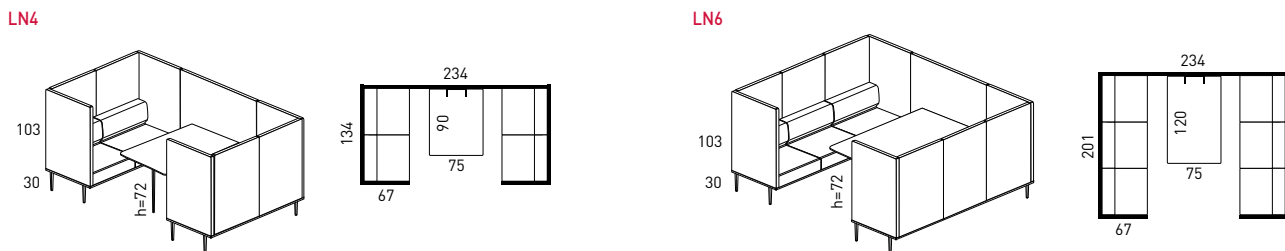
MODULES WITHOUT DIVIDER



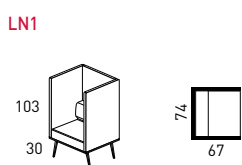
MODULES WITH HIGH DIVIDER



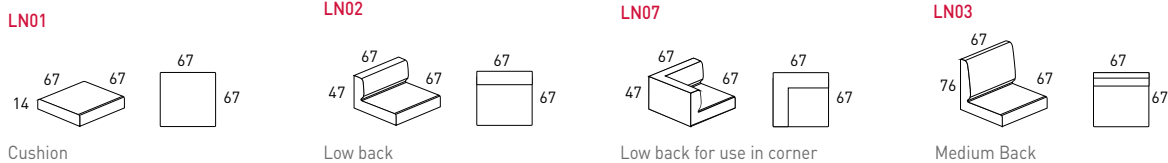
LONGO POD - MODULES WITH HIGH DIVIDER AND TABLE



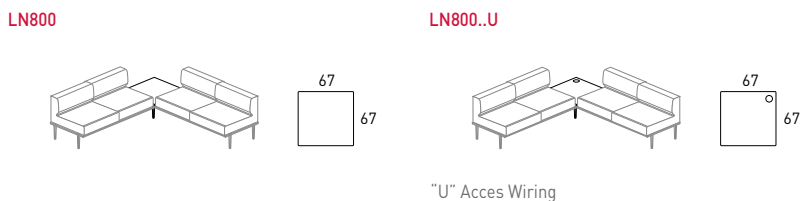
LONGO PHONE BOOTH - INDIVIDUAL MODULE WITH HIGH DIVIDER



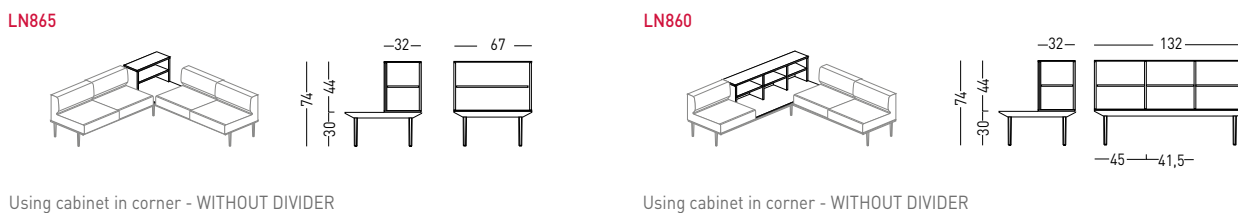
TYPE OF SEAT



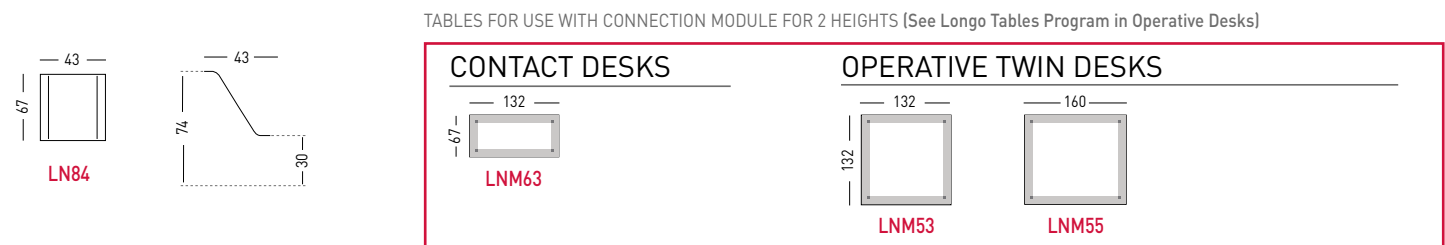
SURFACES FOR USE IN STRUCTURE LONGO



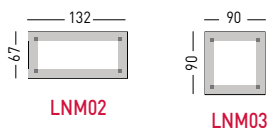
CABINETS FOR USE ON STRUCTURE LONGO (include supporting surface)



CONNECTION MODULE FOR 2 HEIGHTS (Table - Soft Seating)



COFFEE TABLES - 32 cm HEIGHT



3rd LEVEL ACCESSORIES



1. STRUCTURE



■ DESCRIPTION

- ① Metal structure based on the union of its three main parts, extruded profile, square and legs. All made of aluminum. On top of the structure modular elements are mounted that make each configuration unique.
- ② - **Cushions, low seats, corner seats and middle 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.
- ③ - **Soundproofing screens.** Made of board and polyurethane foam, available in differents quality upholstery.
- ④ - **Individual tables and filing systems** made of melamine board. Available finishes: white, lime oak and chesnut.
- ⑤

■ STRUCTURE

- **Structure** composed of extruded aluminum profiles finished with white epoxy paint, silver, black and black/polished. The profiles have a joint system recorded by Actiu which enables items to be linked and creates an infinite amount of configurations.
- **Cast aluminum legs** in a pyramid-shape, made of cast aluminum and finished with epoxy paint: white, silver and black.
- **Joint brackets** made of cast aluminum, finished in white epoxy paint in finishes: white, silver, black and black/polished.

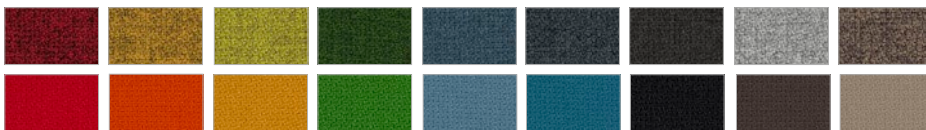
■ LEG h30 cm



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

■ FINISHES

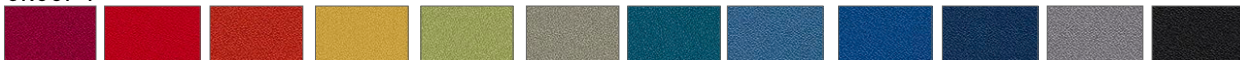
GROUP "M" - MELANGE



GROUP "B" - BLAZER



GROUP T



GROUP "N" - NAPEL



FABRIC GROUP "S" - STEELCUT TRIO



MELAMINE



STRUCTURE



ACCESSORIES



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.

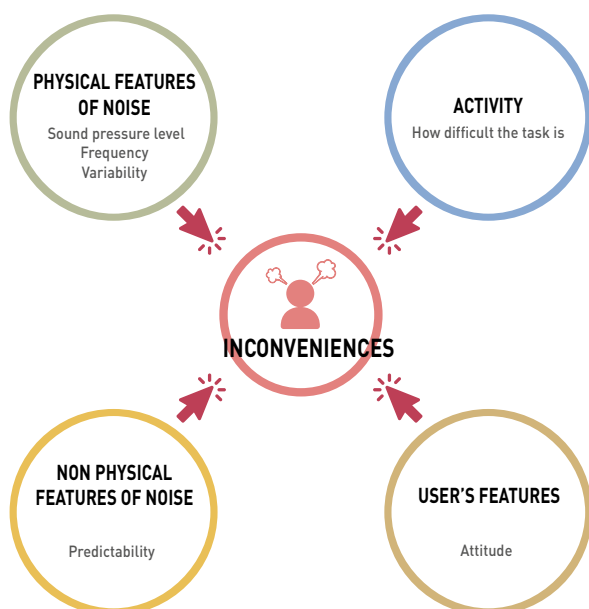
• Basic building legislation	88 dB(A)
• Professional office	40 dBA
• Offices	45 dBA

CAUSES OF ACOUSTIC POLLUTION

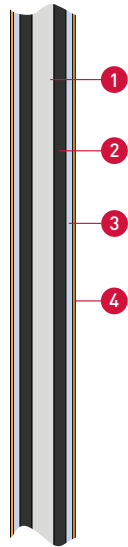
- Attitude of the user. Does he accept it or not.
- Physical features of noise
 - » Types of tones. Pure tones (those that do not vary in frequency) more annoying than the compounds. Even more when aired on audible frequencies (500 – 2000Hz)
 - » Frequency. More annoying high frequencies than low ones.
 - » 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



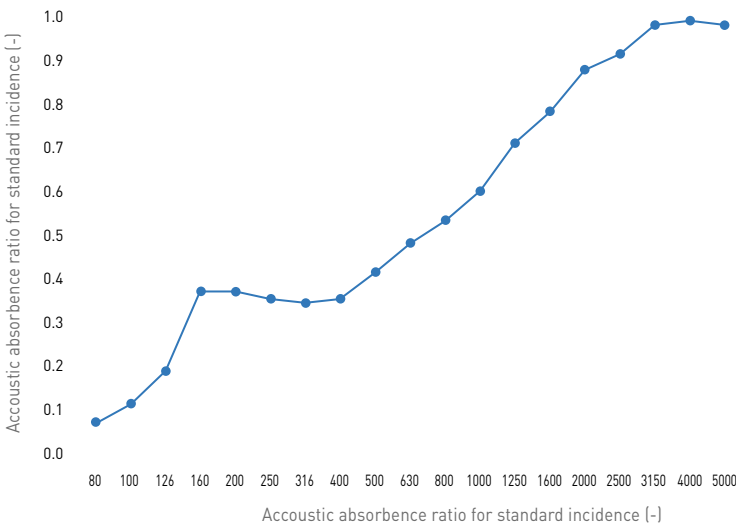
LONGO AND LINK ACCOUSTIC SCREENS



- ① 10 mm thick Chipboard
- ② Foam thickness $e = 10$ mm and 60 Kg/m³ density
- ③ Fabric foam 30mm 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	 PEFC Certificate	 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	 ACTIU TECHNOLOGY PARK LEED® PLATINUM certified by USGBC Leadership in Energy & Environmental Design LEED® Gold certified 2011 - LEED® Platinum certified 2017
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■ **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.