



LUMA-LOCK SYSTEM



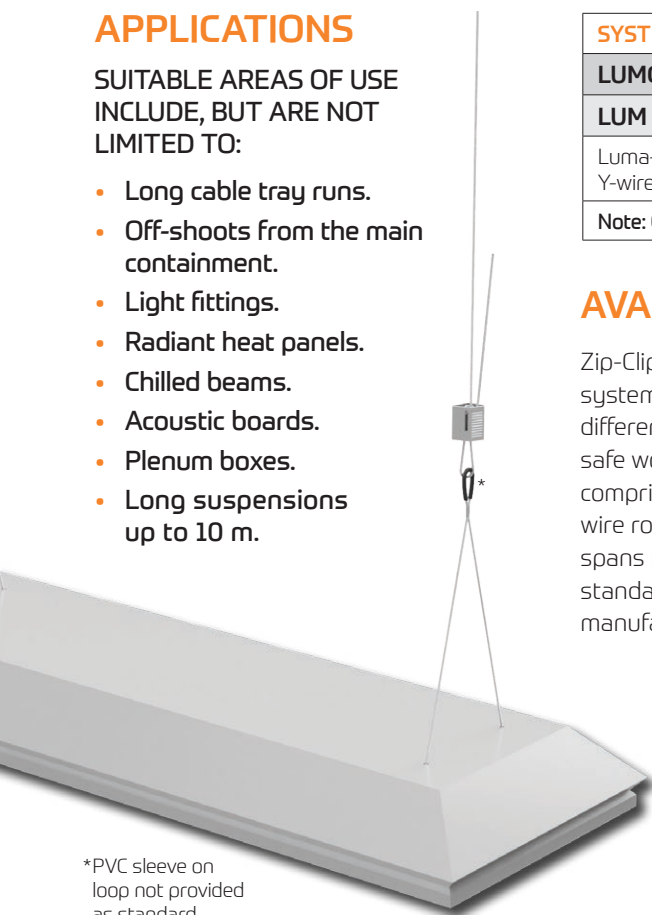
THE LUMA-LOCK SYSTEM is designed to suspend services from a single point suspension. The aim of this support is to reduce the amount of material that is used to build a support.

Luma-Locks are fitted to the intended application using toggles and then coupled to a chosen Zip-Clip vertical suspension to hang from a variety of different base materials.

APPLICATIONS

SUITABLE AREAS OF USE INCLUDE, BUT ARE NOT LIMITED TO:

- Long cable tray runs.
- Off-shoots from the main containment.
- Light fittings.
- Radiant heat panels.
- Chilled beams.
- Acoustic boards.
- Plenum boxes.
- Long suspensions up to 10 m.



*PVC sleeve on loop not provided as standard.

SYSTEM	SWL (KG)
LUMG	15
LUM	35
Luma-Lock can also be produced using Y-wire rope – Please consult with Zip-Clip	
Note: G-system not recommended for HVAC.	

AVAILABILITY

Zip-Clip offer two different Luma-Lock systems each allocated a letter to differentiate between the available safe working loads (SWL). Each system comprises of a specific diameter of wire rope. Systems are available for spans from 50 mm up to 600 mm as standard, however, larger spans can be manufactured on request.

FEATURES

- 18th Edition Amendment 2:2022 compliant.
- Equal leg lengths ensuring suspended services are supported level.
- Hardened steel toggle with an aluminium stop termination.
- High tensile galvanised steel wire rope.
- Can be fitted to the services at floor level prior to coupling with the vertical wire support.
- Allows for side loading of cable trays.
- Removable.

AREAS FOR USE

The Luma-Lock system is designed for indoor applications. Regular galvanised systems should not be used in areas that have levels of corrosion or elevated levels of heat or moisture.

For installations that are within corrosive areas consult with Zip-Clip Technical Department.



WHICH LUMA-LOCK TO USE

Span (mm)	LUMG	SWL	LUM	SWL
50 to 200	LUMG 50-200	15 kg	LUM 50-200	35 kg
200 to 300	LUMG 300-400	15 kg	LUM 300-400	35 kg
300 to 400	LUMG 300-400	15 kg	LUM 300-400	35 kg
400 to 600	LUMG 600	15 kg	LUM 600	35 kg



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INSTALLATION

Example installation into a light fitting:

STEP 1:

Select the first leg to be installed and position the toggle approx. 10 mm from the stop end. Invert the toggle so it is parallel with the wire rope.

STEP 2:

Place the stop-end into the selected through hole and then push the toggle into the hole. Repeat process for the other leg. Once the toggle and stop end have been installed, the toggle will swing through 90 degrees to span the hole.

Example installation connection with the wire support:

STEP 1:

Offer the Luma-Lock up to a pre-installed wire support. Feed on Zip-Clip locking device and pull through required length of wire and feed wire through PVC loop of the Luma-Lock.

STEP 2:

Return wire back up into Zip-Clip locking device and when desired height is achieved, trim wire leaving a minimum 15 cm tail.

BEST PRACTICE

- Through-holes must be no bigger than 12 mm diameter.
- For static loads only.
- Ensure toggles are compatible with the through hole.
- Ensure the toggles are located correctly and not over loaded.
- Angle of the span should not exceed 60 degrees.
- If angle exceeds 60 degrees, use Luma-Lock with a larger span.

FIXING CENTRES

- Ensure adequate fixing centres are utilised for the intended application.
- Follow industry standards according to application.
- Do not overload.
- Do not go beyond safe working load.

CODE	DESCRIPTION	SWL	PACK QTY
LUMG50-200	Toggle suspension system suitable for spans of 50-200 mm	15 kg	10
LUMG300-400	Toggle suspension system suitable for spans of 300-400 mm	15 kg	10
LUMG600	Toggle suspension system suitable for spans of 600 mm	15 kg	10
LUM50-200	Toggle suspension system suitable for spans of 50-200 mm	35 kg	10
LUM300-400	Toggle suspension system suitable for spans of 300-400 mm	35 kg	10
LUM600	Toggle suspension system suitable for spans of 600 mm	35 kg	10

