# VINCI CABLING CONSIDERATIONS
## GARLAND TOPOLOGY

✅ **OK**

End Stop / Terminator
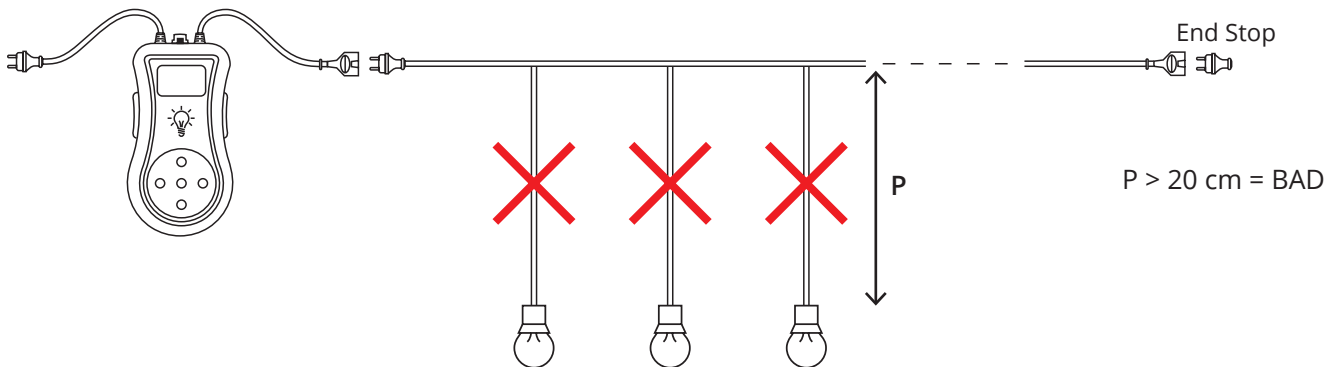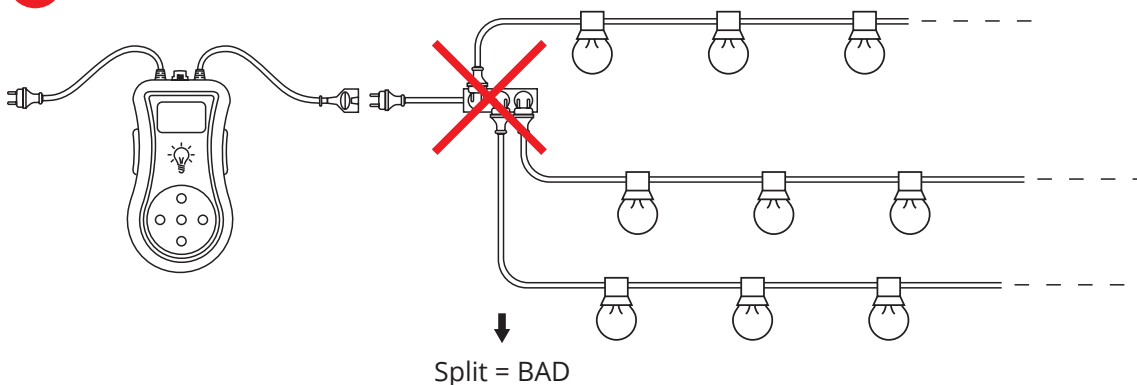
**L**
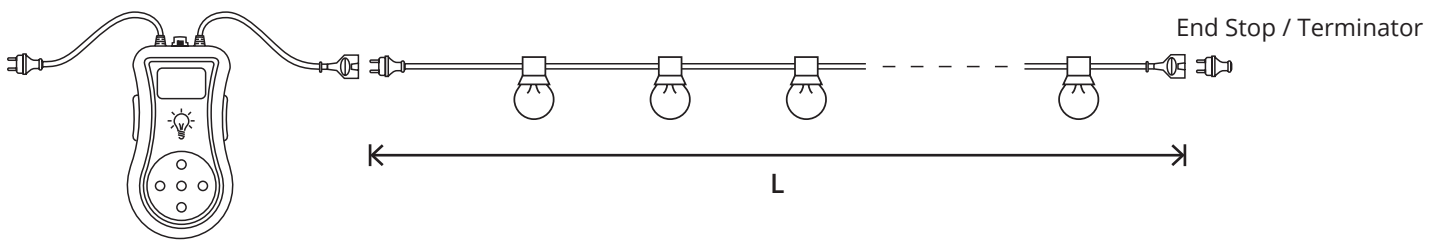
Bulbs count lower than 128 -> total cable length (L): max 250m
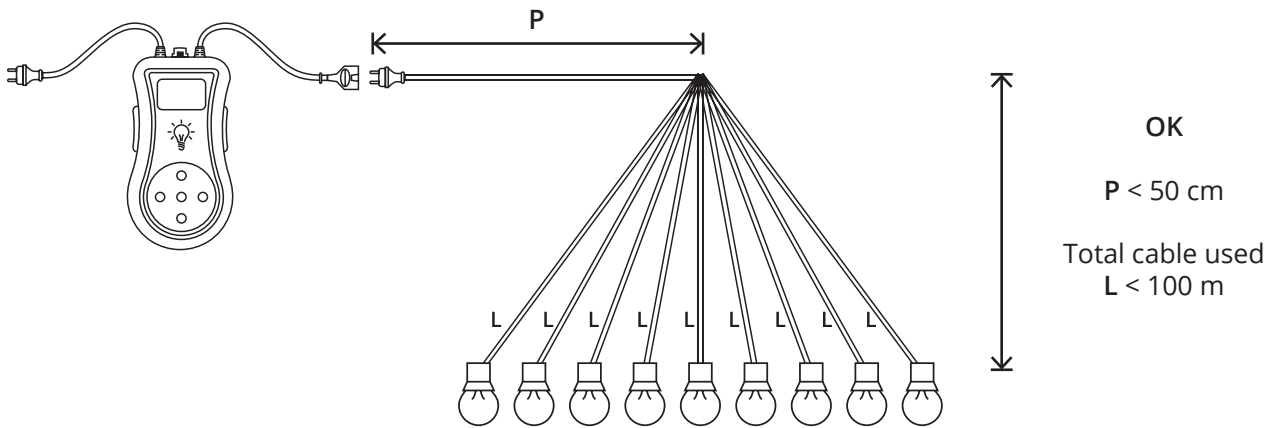Bulbs count higher than 180 -> NOT SUPPORTED

❌ **NOT OK**

End Stop

**P**

P > 20 cm = BAD

❌ **NOT OK**

Split = BAD

*Lucenti*

## ✅ OK

P

L L L L L L L L L

**OK**

**P** < 50 cm

Total cable used
**L** < 100 m
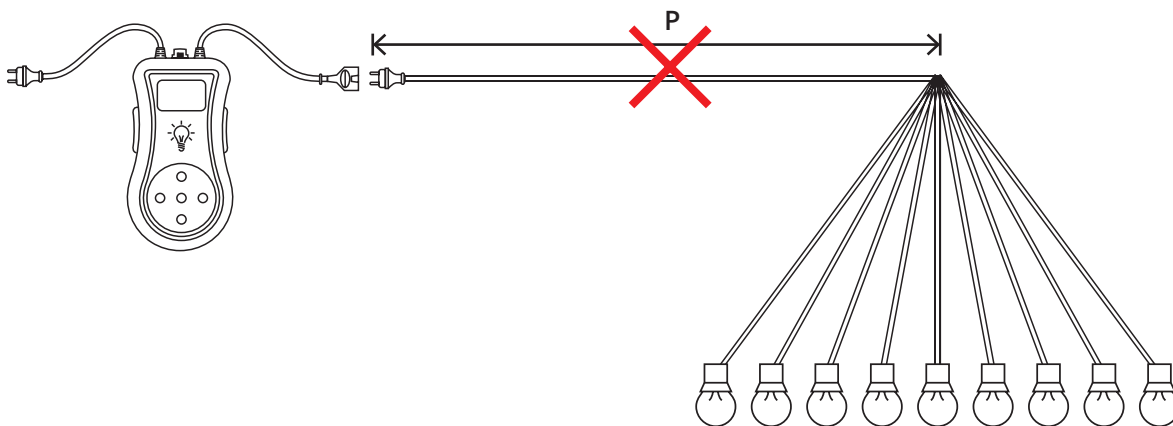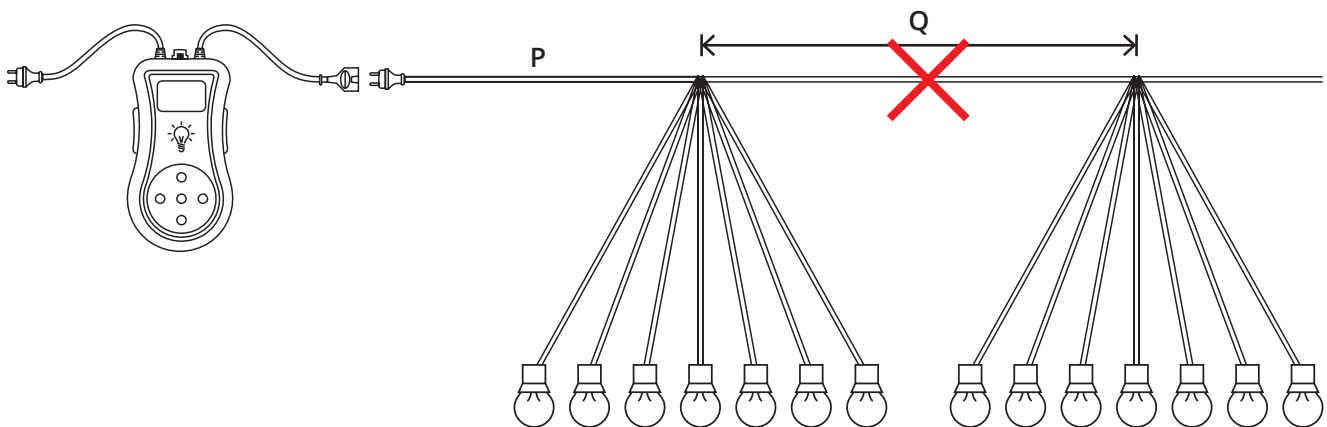
- Bulb count must be lower than 64!
- Total cable used (L) must be lower than 100m!
- Length of cable in between controller and split point (P) must be lower than 50cm !

## ❌ NOT OK

P

P > 50 cm = BAD

## ❌ NOT OK
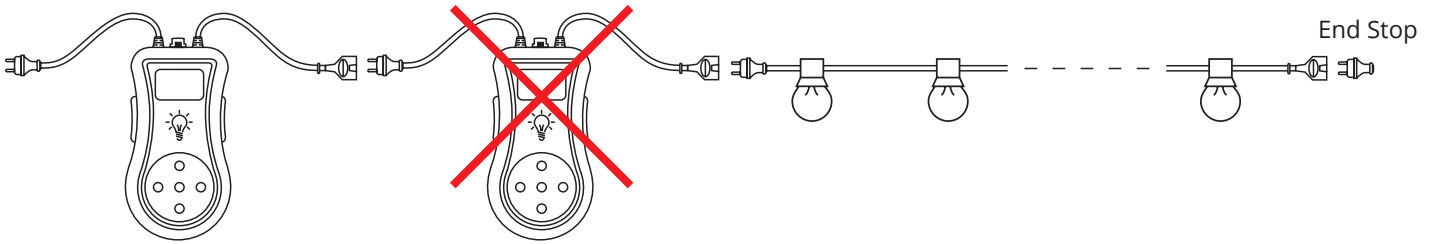
P                    Q

Multiple Split points: **Q** > 20 cm = BAD

# OTHERS

## ❌ NOT OK

No controller behind other controller!

# NOISY POWER

## ❌ NOT OK

Noise sources like high power dimmer racks, motor drives,...

End Stop
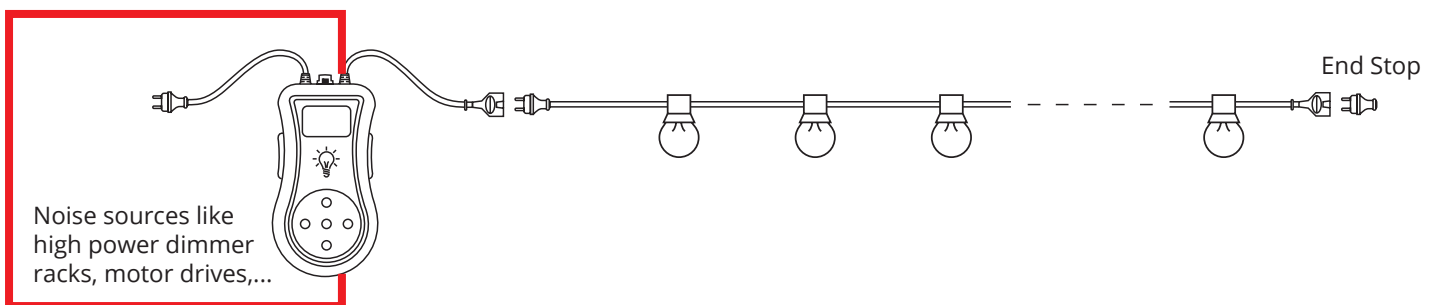
When the system is used in environments where the power is dirty (harmonic distortion, voltage spikes, voltage drops,..) the connected bulbs can become unresponsive or slowly responsive.

-> Use Vinci Power Cleaner
OR
-> Isolated the Vinci controller from the noise sources

## ✅ OK

Vinci Power Cleaner

End Stop

Noise sources like high power dimmer racks, motor drives,...