# OVERVIEW

🗖 Low voltage lighting systems require a specific amount of power (voltage ) in order to function correctly.

With this in mind, Spa Electrics has developed this guide to assist you in choosing the correct cable for your

### LIGHT INFORMATION

#### HALOGEN SERIES

- STANDARD CABLE LENGTH
- STANDARD CABLE GAUGE
- MINIMUM CABLE LENGTH
- MAXIMUM CABLE LENGTH
- EXTENDING CABLE

24 - 28M = 4mm² 29 - 35M = 6mm² 36 - 50M = 10mm²

#### WN / GK SERIES (CLE)

- STANDARD CABLE LENGTH
- → STANDARD CABLE GAUGE
- MINIMUM CABLE LENGTH
- MAXIMUM CABLE LENGTH
- EXTENDING CABLE

### EM SERIES (CLE)

- STANDARD CABLE LENGTH
- STANDARD CABLE GAUGE
- MINIMUM CABLE LENGTH
- MAXIMUM CABLE LENGTH
- **EXTENDING CABLE**

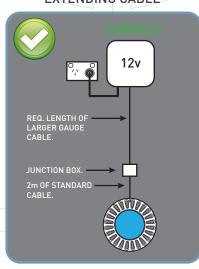
#### PLEASE NOTE:

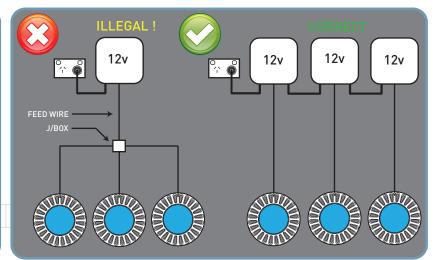
- \* REDUCING CABLE LENGTH BELOW MINIMUM RATED LENGTHS ON HALOGEN LIGHTING MAY RESULT IN REDUCED GLOBE LIFE.
- \* SPA ELECTRICS DOES NOT SUPPLY 6mm² OR 10mm² CABLES. DUE TO THE COSTS INVOLVED, IT MAY BE MORE COST EFFECTIVE TO INVEST IN CERAMIC LIGHT ENGINE LIGHTING.

# **BASIC WIRING PRACTICES**

### EXTENDING CABLE

## CONNECTING SWIMMING POOL / SPA LIGHTS (AS PER AS/NZS3000:2007)







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