

Figure 1: Wiring of separate zones

Individual Thorlux Smart luminaires may be linked into a grouped system using a "Motionline" two wire low voltage bus allowing luminaires to communicate within a group

If any one luminaire detects movement all connected luminaires within the group will illuminate. This valuable feature is designed to eliminate the possibility of a user being isolated in a small pool of light, surrounded by intimidating darkness. The Motionline ensures that there will always be a well lit comfortable environment. Once the last person leaves an area the luminaire waits for a pre-programmed period before dimming and turning off or dimming to a user pre-defined level. A manual override facility can be provided via a simple retractive (push to make) switch.

Motionline operation is enhanced further by the ability to send more digital signals enabling scene control of individual luminaires or groups of luminaires (see page 43).

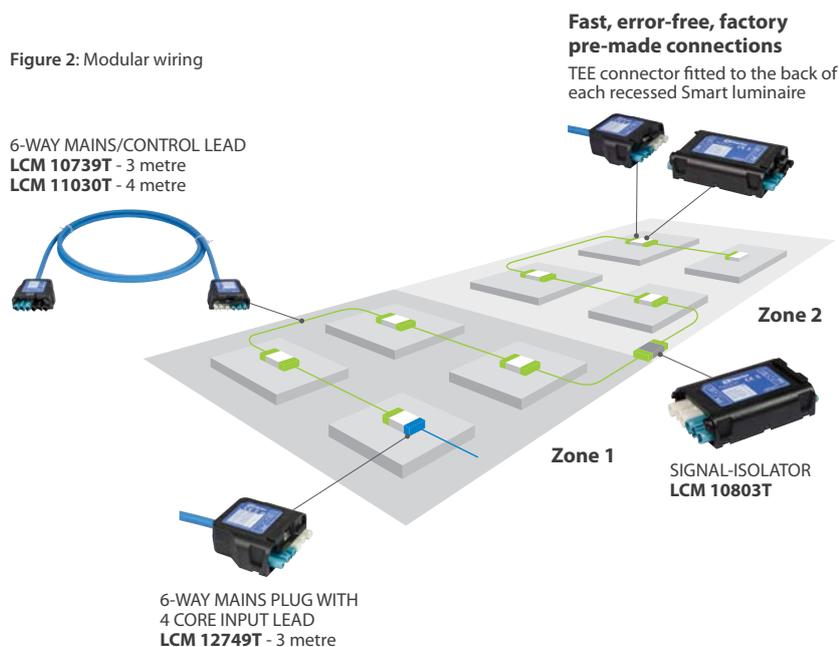


With Motionline a group of luminaires can be turned on when any one sensor detects movement. By isolating the Motionline signal (see Figure 1) separate zones can be achieved whilst using a common mains supply. For modular wiring use the Signal-Isolator (LCM 10803) which permits mains supply from the adjacent zone whilst isolating the Motionline control signal (see Figure 2).



Without Motionline each luminaire will only turn on if a person is within its immediate area.

Figure 2: Modular wiring



For full details of modular wiring see pages 46-49