Fixing Methods
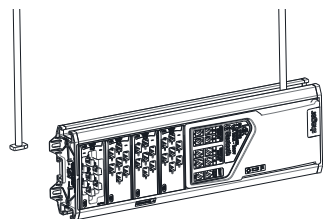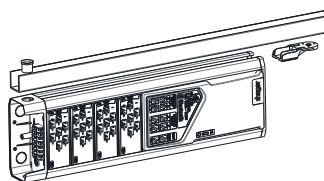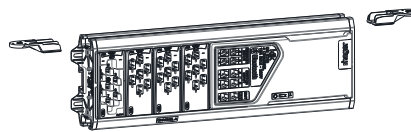

Drop Rods

Trunking
(Not possible for plug-in
KLCM412P)

Direct: e.g. nail gun or screw fixing
(not possible for hard-wire KLCM413W)

**Switch inputs - 1 to 4 (retractive wall switch ref: WMGS13R)**

Orange/White	Scene 1
Orange	Scene 2
Green/White	Scene 3
Blue	Scene 4
Brown/White	On/Dim Up
Blue/White	Off/Dim Down
Brown	0V (Common)
Green	12V (Not Used, must not be connected.)

Emergency test in & out

Orange/White	Override - All Outputs On
Orange	Override - All Outputs Off
Green/White	Corridor Hold Line
Blue	Emergency Test (Timer 1)
Blue/White	Emergency Test (Timer 2)
Green	Emergency Test (Timer 3)
Brown	Common
Brown/White	Not Used.

Supply input connection

Hard wired

Neutral
Line

CPC
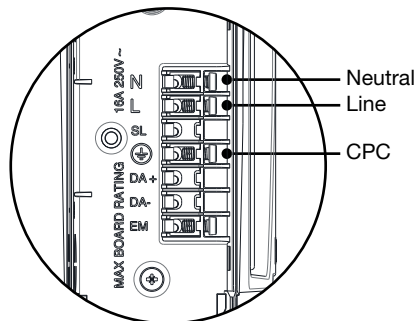
Pluggable
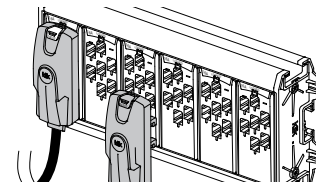
- Connecting the supply lead:
  plug in and push down
- Disconnecting the supply lead:
  press button and push up.

Plug colour coding
White: Luminaire Lead
Red: Luminaire & Emergency
Black: Link Lead

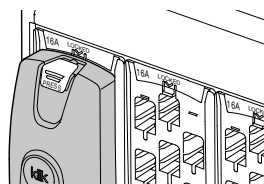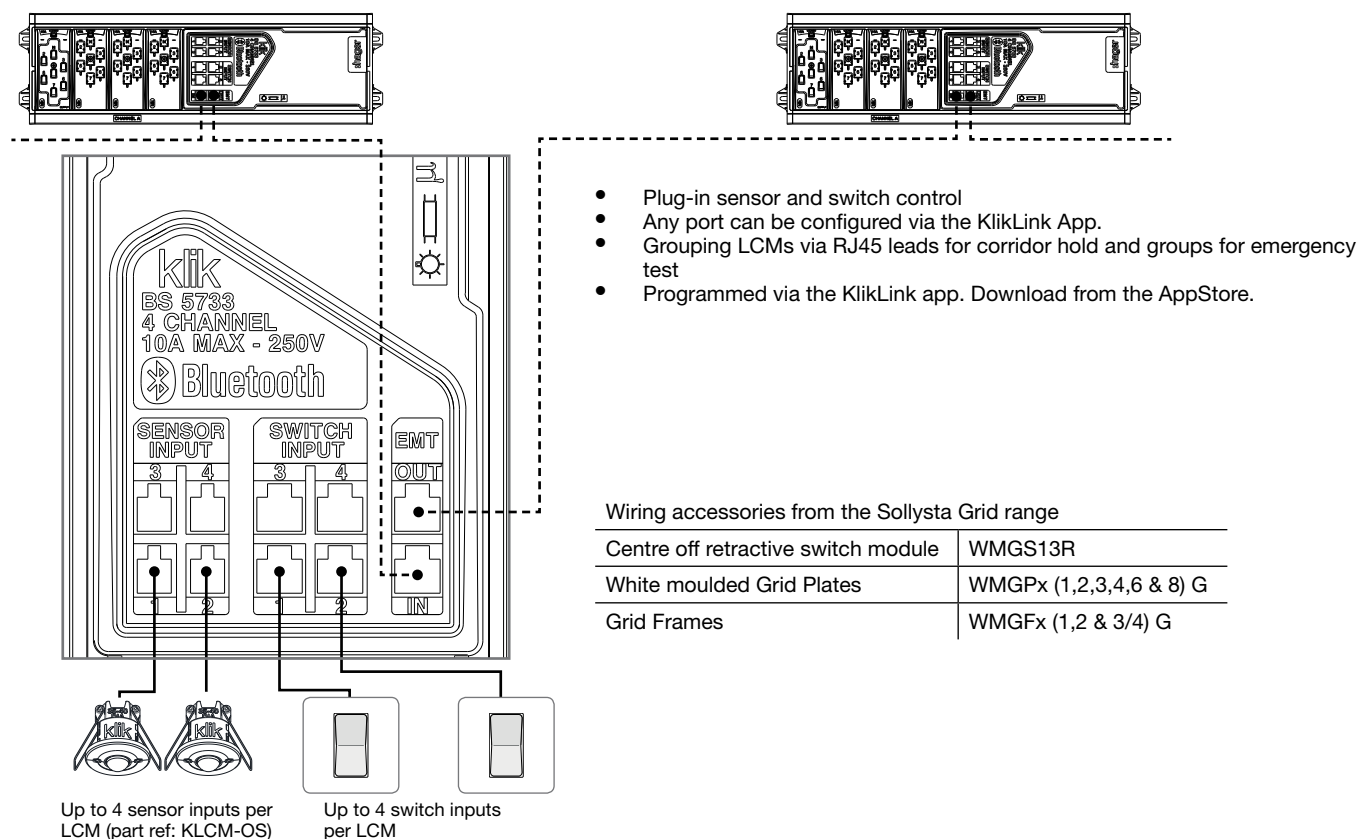- Plug-in sensor and switch control
- Any port can be configured via the KlikLink App.
- Grouping LCMs via RJ45 leads for corridor hold and groups for emergency test
- Programmed via the KlikLink app. Download from the AppStore.

Wiring accessories from the Sollysta Grid range

Centre off retractive switch module	WMGS13R
White moulded Grid Plates	WMGPx (1,2,3,4,6 & 8) G
Grid Frames	WMGFx (1,2 & 3/4) G

Up to 4 sensor inputs per LCM (part ref: KLCM-OS)

Up to 4 switch inputs per LCM

Technical Characteristics

Number of channels	4
Number of outputs per channel	3 (hard wired LCM has 4 outputs on channel A)
Number of sensor inputs	4 (KLCM-OS)
Number of switch inputs	4
Supply Voltage	230V AC 50Hz
Rated current	10A (total load)
Rated current each connector	10A
Complies with	BS 5733:2010, BS EN 60669-2-5 BS EN 61535:2009 - (Excluding clauses 10.1 and 10.3 due to Aluminium enclosure)
IP protection	IP20
Connection for programming	Bluetooth Smart (Bluetooth 4) (only available on Apple iPad)
Dimensions	Height 145mm / Width 440mm / Depth 58mm / Weight 1.9kg

Klik

LCM Functions (via the KlikLink App)

Lighting Configuration Profiles.
The KLCM KlikLink App is pre-loaded with the most common room type configuration profiles. These are selected in the File Manager section of the KlikLink App and are provided to speed up the LCM set-up.

Switching - On/Off.
Each channel is capable of being switched via one of 4 switch inputs. This is an on/ off state utilised for standard luminaires.

Presence and Absence Sensing.
Each output channel can be set to Presence or Absence and can be different on each channel. Absence detection will give the best energy efficiencies by minimising unwanted activations, whilst Presence gives an immediate response to occupation in an area.

Sensor with integral lux sensor.
This allows daylight dimming and switch utilising any natural light available

Dimming – DSI, DALI (Broadcast).
The LCM takes information from the sensor and broadcasts a signal on the required channel to all connected luminaires and can be controlled via a retractive wall switch or utilising the daylight dimming function. The protocol for this broadcast is selected during programming.

Scene Setting.
4 lighting scenes are possible (plus global Up/Down-On/Off) and can be achieved with via centre off 2 pole retractive grid switch modules (3 grid modules to control all inputs) The LCM can be configured during programming to have 2 separate Scene profiles.

Partition Switch Function.
This allows the control of a room with a partition and switch fitted. If a partitioned room has individual wall switches controlling each section, when the partition is removed, both sets of switches could control the whole area. This can be used in conjunction with profiles.

Corridor Hold Function.
This is achieved by linking a series of LCMs together with an RJ45 lead and assigning certain channels with the attributes of a corridor. If there is any area occupied, the associated corridor lighting will be held ON.

Variable burn in up to 250 hrs.
Allows dimmable luminaires to be set at 100% output for the required burn in time period (Dimming is disabled during this period) This may be beneficial to the life of the lamps. After the burn in time, the LCM will return to any programmes set (e.g. dimming)

Integral Emergency Test Timers.
This allows the emergency test to be carried out via an emergency test switch. The timers can be set for up to 5 hours within the App. Whilst on test the other luminaires will dim to a pre-set value.

Light Level Offset between Channels.
This function allows the levels from different channels to set as a percentage of the lead channel. For example when a number of different dimming levels are set within an area as a scene set, the lighting levels can be adjusted universally across all channels, whilst maintaining the relationship between channels.

3 Level Timeout.
Allows the lighting to turn Off or Down in three stages. When no presence has been detected for the timeout period, the lighting can be turned down to the first set level, after a further period the lighting can be reduced further, after the final time period the luminaires can be turned off or driven to a minimum value set during programming.