

# C-Bus® Architectural Dimmer Technical Data



L5112D10UA



L5106D10UA

|   | L5106D20UA   | L5103D20UA   | L5106D16UA   | L5103D16UA   | L5112D10UA   | L5106D10UA   |
|---|--|--|--|--|--|--|
| Supply voltage                                  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  |
| Frequency range                                 | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  |
| Single or three phase supply                    | 3  | 3  | 3  | 3  | 3  | 3  |
| Number of channels                              | 6  | 3  | 6  | 3  | 12   | 6  |
| C-Bus learn enabled                             | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Maximum incandescent load per channel           | 20A  | 20A  | 16A  | 16A  | 10A  | 10A  |
| Maximum iron core transformer load per channel  | 20A  | 20A  | 16A  | 16A  | 10A  | 10A  |
| Maximum electronic transformer load per channel | 20A  | 20A  | 16A  | 16A  | 10A  | 10A  |
| DSI ballasts per channel                        | Via optional ballast/ relay channel module   | Via optional ballast/ relay channel module   | Via optional ballast/ relay channel module   | Via optional ballast/ relay channel module   | Via optional ballast/ relay channel module   | Via optional ballast/ relay channel module   |
| DALI control                                    | Via optional ballast/ relay channel module   | Via optional ballast/ relay channel module   | Via optional ballast/ relay channel module   | Via optional ballast/ relay channel module   | Via optional ballast/ relay channel module   | Via optional ballast/ relay channel module   |
| Wall or DIN mounted                             | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   |
| DMX512 capable                                  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Controllable via Crestron®* and AMX®**          | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Local channel overrides                         | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Remote channel overrides                        | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Scene control capable                           | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Mains terminals                                 | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> |
| Dimensions                                      | 713 x 455 x 164mm  | 451 x 455 x 164mm  | 713 x 455 x 164mm  | 451 x 455 x 164mm  | 713 x 455 x 164mm  | 451 x 455 x 164mm  |
| Maximum units on a network (255 Networks)       | 100  | 100  | 100  | 100  | 100  | 100  |
| C-Bus connections                               | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   |
| Weight  | 17.5kg   | 11kg   | 17.5kg   | 11kg   | 25kg   | 17.5kg   |
| Approvals                                       | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   |

\* Contact Crestron® for interfacing details  
 \*\*Contact AMX® for interfacing details



**L5106D20UA**



**L5112D5UA**



**L5103D20UA**

| L5103D10UA   | L5112D5UA  | L5106D5UA  | L5103D5UA  |
|--|--|--|--|
| 240V AC  | 240V AC  | 240V AC  | 240V AC  |
| 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  |
| 3  | 3  | 1 or 3   | 1  |
| 3  | 12   | 6  | 3  |
| Yes  | Yes  | Yes  | Yes  |
| 10A  | 5A   | 5A   | 5A   |
| 10A  | 5A   | 5A   | 5A   |
| 10A  | 5A   | 5A   | 5A   |
| Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  |
| Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  |
| Wall   | Wall   | Wall   | Wall   |
| Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  |
| Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> |
| 289 x 455 x 164mm  | 713 x 412 x 164mm  | 451 x 412 x 164mm  | 289 x 412 x 164mm  |
| 100  | 100  | 100  | 100  |
| 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   |
| 9.5kg  | 23.6kg   | 17.5kg   | 9.6kg  |
| CE RCM   | CE RCM   | CE RCM   | CE RCM   |

**Features of the C-Bus Architectural Dimmer range**

- Utilises universal dimming technology with automatic choice of leading or trailing operation\*
- Interchangeable and field replaceable individual dimming channel modules
- C-Bus or DMX512 operation modes\*
- Optional relay / DSI / DALI / 0-10V dc output
- Cool and quiet fanless operation
- Manual dimmer bypass switch included on channel modules
- Local C-Bus override switches
- Channel status indicators visible from front control panel
- Tested to and comply with Australian Standards for light dimmers AS/NZS CISPR 15:2002
- Support for onboard lighting scenes\*
- Soft start operation
- Thermal overload protection
- Over current protection\*
- Short circuit protection\*
- Selectable (predefined) dimming curves\*
- Installer definable dimming curves\*
- Cross fading scene functions\*
- Three prioritised emergency auxiliary inputs\*
- Standby generator auxiliary input\*
- Emergency lighting output available on each channel
- Onboard MCB protection
- Supplied with easy-mount wall bracket
- Generous mains supply terminals and load terminals
- External C-Bus connectors

\*C-Bus Achitechural Dimmers only

# C-Bus® Professional Dimmer Technical Data



L5112D10TP



L5106D10TP

|   | Trailing Edge Models  |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | L5106D20TP  | L5103D20TP  | L5106D16TP  | L5112D10TP  | L5106D10TP  | L5103D10TP  | L5112D5TP   | L5106D5TP   | L5103D5TP   | L5112D3TP   | L5106D3TP   |   |
| Supply voltage                                  | 240V AC   | 240V AC   | 240V AC   | 240V AC   | 240V AC   | 240V AC   | 240V AC   | 240V AC   | 240V AC   | 240V AC   | 240V AC   | 240V AC   |
| Frequency range                                 | 47 – 53Hz   | 47 – 53Hz   | 47 – 53Hz   | 47 – 53Hz   | 47 – 53Hz   | 47 – 53Hz   | 47 – 53Hz   | 47 – 53Hz   | 47 – 53Hz   | 47 – 53Hz   | 47 – 53Hz   | 47 – 53Hz   |
| Single or three phase supply                    | 3   | 3   | 3   | 3   | 3   | 1 or 3  | 3   | 1 or 3  | 1   | 2   | 1   |   |
| Number of channels                              | 6   | 3   | 6   | 12  | 6   | 3   | 12  | 6   | 3   | 12  | 6   |   |
| C-Bus learn enabled                             | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |
| Maximum incandescent load per channel           | 20A   | 20A   | 16A   | 10A   | 10A   | 10A   | 5A  | 5A  | 5A  | 3A  | 3A  |   |
| Maximum iron core transformer load per channel  | 20A   | 20A   | 16A   | 10A   | 10A   | 10A   | 5A  | 5A  | 5A  | 3A  | 3A  |   |
| Maximum electronic transformer load per channel | 20A   | 20A   | 16A   | 10A   | 10A   | 10A   | 5A  | 5A  | 5A  | 3A  | 3A  |   |
| Wall or DIN mounted                             | Wall  | Wall  | Wall  | Wall  | Wall  | Wall  | Wall  | Wall  | Wall  | Wall  | Wall  | Wall  |
| Controllable via Crestron®* and AMX®**          | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |
| Local channel overrides                         | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |
| Remote channel overrides                        | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |
| Scene control capable                           | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |
| Mains terminals                                 | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> |
| Dimensions                                      | 713 x 455 x 164mm   | 451 x 455 x 164mm   | 713 x 455 x 164mm   | 713 x 455 x 164mm   | 451 x 455 x 164mm   | 289 x 455 x 164mm   | 713 x 412 x 164mm   | 451 x 412 x 164mm   | 289 x 412 x 164mm   | 713 x 412 x 164mm   | 451 x 412 x 164mm   |   |
| Maximum units on a network (255 networks)       | 100   | 100   | 100   | 100   | 100   | 100   | 100   | 100   | 100   | 100   | 100   |   |
| C-Bus connections                               | 3 x RJ45<br>1 x terminal block  | 3 x RJ45<br>1 x terminal block  | 3 x RJ45<br>1 x terminal block  | 3 x RJ45<br>1 x terminal block  | 3 x RJ45<br>1 x terminal block  | 3 x RJ45<br>1 x terminal block  | 3 x RJ45<br>1 x terminal block  | 3 x RJ45<br>1 x terminal block  | 3 x RJ45<br>1 x terminal block  | 3 x RJ45<br>1 x terminal block  | 3 x RJ45<br>1 x terminal block  | 3 x RJ45<br>1 x terminal block  |
| Weight  | 17.5kg  | 15kg  | 17.5kg  | 25kg  | 19.5kg  | 9.5kg   | 23.6kg  | 17.5kg  | 9.6kg   | 23kg  | 16.6kg  |   |
| Approvals                                       | CE RCM  | CE RCM  | CE RCM  | CE RCM  | CE RCM  | CE RCM  | CE RCM  | CE RCM  | CE RCM  | CE RCM  | CE RCM  | CE RCM  |

\* Contact Crestron® for Interfacing Details

\*\*Contact AMX® for Interfacing Details



**L5112D10LP**



**L5106D10LP**



**L5103D5LP**

**Leading Edge Models**

| L5112D20LP   | L5106D20LP   | L5103D20LP   | L5112D16LP   | L5112D10LP   | L5106D10LP   | L5103D10LP   | L5112D5LP  | L5106D5LP  | L5103D5LP  | L5112D3LP  | L5106D3LP  |
|--|--|--|--|--|--|--|--|--|--|--|--|
| 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  |
| 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  |
| 3  | 3  | 3  | 3  | 3  | 3  | 1 or 3   | 3  | 1 or 3   | 1  | 2  | 1  |
| 12   | 6  | 3  | 12   | 12   | 6  | 3  | 12   | 6  | 3  | 12   | 6  |
| Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| 20A  | 20A  | 20A  | 16A  | 10A  | 10A  | 10A  | 5A   | 5A   | 5A   | 3A   | 3A   |
| 20A  | 20A  | 20A  | 16A  | 10A  | 10A  | 10A  | 5A   | 5A   | 5A   | 3A   | 3A   |
| 20A  | 20A  | 20A  | 16A  | 10A  | 10A  | 10A  | 5A   | 5A   | 5A   | 3A   | 3A   |
| Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   |
| Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> |
| 713 x 455 x 164mm  | 451 x 455 x 164mm  | 289 x 455 x 164mm  | 713 x 455 x 164mm  | 713 x 412 x 164mm  | 451 x 412 x 164mm  | 289 x 412 x 164mm  | 713 x 405 x 115mm  | 451 x 405 x 115mm  | 289 x 405 x 115mm  | 602 x 405 x 115mm  | 358 x 405 x 115mm  |
| 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  |
| 3 x RJ45<br>1 x terminal<br>block  | 3 x RJ45<br>1 x terminal<br>block  | 3 x RJ45<br>1 x terminal<br>block  | 3 x RJ45<br>1 x terminal<br>block  | 3 x RJ45<br>1 x terminal<br>block  | 3 x RJ45<br>1 x terminal<br>block  | 3 x RJ45<br>1 x terminal<br>block  | 3 x RJ45<br>1 x terminal<br>block  | 3 x RJ45<br>1 x terminal<br>block  | 3 x RJ45<br>1 x terminal<br>block  | 3 x RJ45<br>1 x terminal<br>block  | 3 x RJ45<br>1 x terminal<br>block  |
| 40kg   | 27kg   | 14.5kg   | 40kg   | 31kg   | 21kg   | 11.5kg   | 25.6kg   | 17.5kg   | 9.5kg  | 23kg   | 16kg   |
| CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   |

# C-Bus® Architectural Dimmer Technical Data (RCDs Onboard)

|   | L5106D20UAR6   | L5103D20UAR1   | L5106D16UAR6   | L5103D16UAR1   | L5112D10UAR6   | L5106D10UAR3   |
|---|--|--|--|--|--|--|
| Supply voltage                                  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  |
| Frequency range                                 | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  |
| Single or three phase supply                    | 3  | 3  | 3  | 3  | 3  | 3  |
| Number of channels                              | 6  | 3  | 6  | 3  | 12   | 6  |
| No. of RCDs onboard                             | 6  | 1  | 6  | 1  | 6  | 3  |
| C-Bus learn enabled                             | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Maximum incandescent load per channel           | 20A  | 20A  | 16A  | 16A  | 10A  | 10A  |
| Maximum iron core transformer load per channel  | 20A  | 20A  | 16A  | 16A  | 10A  | 10A  |
| Maximum electronic transformer load per channel | 20A  | 20A  | 16A  | 16A  | 10A  | 10A  |
| DSI ballasts per channel                        | Via optional ballast/relay channel module  | Via optional ballast/relay channel module  | Via optional ballast/relay channel module  | Via optional ballast/relay channel module  | Via optional ballast/relay channel module  | Via optional ballast/relay channel module  |
| DALI control                                    | Via optional ballast/relay channel module  | Via optional ballast/relay channel module  | Via optional ballast/relay channel module  | Via optional ballast/relay channel module  | Via optional ballast/relay channel module  | Via optional ballast/relay channel module  |
| Wall or DIN mounted                             | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   |
| DMX512 capable                                  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Controllable via Crestron®* and AMX®**          | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Local channel overrides                         | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Remote channel overrides                        | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Scene control capable                           | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Mains terminals                                 | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> |
| Dimensions                                      | 713 x 455 x 164mm  | 451 x 455 x 164mm  | 713 x 455 x 164mm  | 451 x 455 x 164mm  | 713 x 455 x 164mm  | 451 x 455 x 164mm  |
| Maximum units on a network (255 networks)       | 100  | 100  | 100  | 100  | 100  | 100  |
| C-Bus connections                               | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   |
| Weight  | 17.5kg   | 11kg   | 17.5kg   | 11kg   | 25kg   | 17.5kg   |
| Approvals                                       | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   |

\* Contact Crestron® for Interfacing Details

\*\*Contact AMX® for Interfacing Details

| <b>L5103D10UAR1</b>  | <b>L5112D5UAR6</b>   | <b>L5106D5UAR3</b>   | <b>L5103D5UAR1</b>   |
|--|--|--|--|
| 240V AC  | 240V AC  | 240V AC  | 240V AC  |
| 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  |
| 3  | 3  | 1 or 3   | 1  |
| 3  | 12   | 6  | 3  |
| 1  | 6  | 3  | 1  |
| Yes  | Yes  | Yes  | Yes  |
| 10A  | 5A   | 5A   | 5A   |
| 10A  | 5A   | 5A   | 5A   |
| 10A  | 5A   | 5A   | 5A   |
| Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  |
| Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  | Via optional ballast/<br>relay channel module  |
| Wall   | Wall   | Wall   | Wall   |
| Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  |
| Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup><br>Load 1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> |
| 289 x 455 x 164mm  | 713 x 412 x 164mm  | 451 x 412 x 164mm  | 289 x 412 x 164mm  |
| 100  | 100  | 100  | 100  |
| 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   |
| 9.5kg  | 23.6kg   | 17.5kg   | 9.6kg  |
| CE RCM   | CE RCM   | CE RCM   | CE RCM   |

**Features of the C-Bus Architectural Dimmer range**

- Utilises universal dimming technology with automatic choice of leading or trailing operation\*
- Interchangeable and field replaceable individual dimming channel modules
- C-Bus or DMX512 operation modes\*
- Optional relay / DSI / DALI / 0-10V dc output
- Cool and quiet fanless operation
- Manual dimmer bypass switch included on channel modules
- Local C-Bus override switches
- Channel status indicators visible from front control panel
- Tested to and comply with Australian Standards for light dimmers AS/NZS CISPR 15:2002
- Support for onboard lighting scenes\*
- Soft start operation
- Thermal overload protection
- Over current protection\*
- Short circuit protection\*
- Selectable (predefined) dimming curves\*
- Installer definable dimming curves\*
- Cross fading scene functions\*
- Three prioritised emergency auxiliary inputs\*
- Standby generator auxiliary input\*
- Emergency lighting output available on each channel
- Onboard MCB protection
- Supplied with easy-mount wall bracket
- Generous mains supply terminals and load terminals
- External C-Bus connectors
- RCDs onboard

\*C-Bus Achitechtural Dimmers only

# C-Bus® Professional Dimmer Technical Data (RCDs Onboard)



L5106D10TPR3



L5103D10TPR1

|  | Trailing Edge Models   |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
|  | L5106D20TPR6   | L5103D20TPR1   | L5106D16TPR6   | L5112D10TPR6   | L5106D10TPR3   | L5103D10TPR1   | L5112D5TPR6  | L5106D5TPR3  | L5103D5TPR1  |
| <b>Supply voltage</b>                                  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  |
| <b>Frequency range</b>                                 | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  |
| <b>Single or three phase supply</b>                    | 3  | 3  | 3  | 3  | 3  | 1 or 3   | 3  | 1 or 3   | 1  |
| <b>Number of channels</b>                              | 6  | 3  | 6  | 12   | 6  | 3  | 12   | 6  | 3  |
| <b>C-Bus learn enabled</b>                             | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| <b>No. of RCDs onboard</b>                             | 6  | 1  | 6  | 6  | 3  | 1  | 6  | 3  | 1  |
| <b>Maximum incandescent load per channel</b>           | 20A  | 20A  | 16A  | 10A  | 10A  | 10A  | 5A   | 5A   | 5A   |
| <b>Maximum iron core transformer load per channel</b>  | 20A  | 20A  | 16A  | 10A  | 10A  | 10A  | 5A   | 5A   | 5A   |
| <b>Maximum electronic transformer load per channel</b> | 20A  | 20A  | 16A  | 10A  | 10A  | 10A  | 5A   | 5A   | 5A   |
| <b>Wall or DIN mounted</b>                             | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   |
| <b>Controllable via Crestron®*and AMX®**</b>           | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| <b>Local channel overrides</b>                         | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| <b>Remote channel overrides</b>                        | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| <b>Scene control capable</b>                           | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| <b>Mains terminals</b>                                 | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load<br>1 x 6mm <sup>2</sup> or<br>2 x 2.5mm <sup>2</sup> |
| <b>Dimensions</b>                                      | 713 x 455 x 164mm  | 451 x 455 x 164mm  | 713 x 455 x 164mm  | 713 x 455 x 164mm  | 451 x 455 x 164mm  | 289 x 455 x 164mm  | 713 x 412 x 164mm  | 451 x 412 x 164mm  | 289 x 412 x 164mm  |
| <b>Maximum units on a network (255 networks)</b>       | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  |
| <b>C-Bus connections</b>                               | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   | 3 x RJ45<br>1 x terminal block   |
| <b>Weight</b>  | 17.5kg   | 15kg   | 17.5kg   | 25kg   | 19.5kg   | 9.5kg  | 23.6kg   | 17.5kg   | 9.6kg  |
| <b>Approvals</b>                                       | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   |

\* Contact Crestron® for interfacing details  
 \*\*Contact AMX® for interfacing details



L5112D20LPR12



L5106D10LPR3



L5103D10LPR1

| Leading Edge Models  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
| L5112D20LPR12  | L5106D20LPR6   | L5103D20LPR1   | L5112D16LPR12  | L5112D10LPR6   | L5106D10LPR3   | L5103D10LPR1   | L5112D5LPR6  | L5106D5LPR3  | L5103D5LPR1  |
| 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  | 240V AC  |
| 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  | 47 – 53Hz  |
| 3  | 3  | 3  | 3  | 3  | 3  | 1 or 3   | 3  | 1 or 3   | 1  |
| 12   | 6  | 3  | 12   | 12   | 6  | 3  | 12   | 6  | 3  |
| Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| 12   | 6  | 1  | 12   | 6  | 3  | 1  | 6  | 3  | 1  |
| 20A  | 20A  | 20A  | 16A  | 10A  | 10A  | 10A  | 5A   | 5A   | 5A   |
| 20A  | 20A  | 20A  | 16A  | 10A  | 10A  | 10A  | 5A   | 5A   | 5A   |
| 20A  | 20A  | 20A  | 16A  | 10A  | 10A  | 10A  | 5A   | 5A   | 5A   |
| Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   | Wall   |
| Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Supply 1 x 25mm <sup>2</sup> Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> | Supply 1 x 25mm <sup>2</sup> Load 1 x 6mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> |
| 713 x 455 x 164mm  | 451 x 455 x 164mm  | 289 x 455 x 164mm  | 713 x 455 x 164mm  | 713 x 412 x 164mm  | 451 x 412 x 164mm  | 289 x 412 x 164mm  | 713 x 405 x 115mm  | 451 x 405 x 115mm  | 289 x 405 x 115mm  |
| 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  | 100  |
| 3 x RJ45 1 x terminal block  | 3 x RJ45 1 x terminal block  | 3 x RJ45 1 x terminal block  | 3 x RJ45 1 x terminal block  | 3 x RJ45 1 x terminal block  | 3 x RJ45 1 x terminal block  | 3 x RJ45 1 x terminal block  | 3 x RJ45 1 x terminal block  | 3 x RJ45 1 x terminal block  | 3 x RJ45 1 x terminal block  |
| 40kg   | 27kg   | 14.5kg   | 40kg   | 31kg   | 21kg   | 11.5kg   | 25.6kg   | 17.5kg   | 9.5kg  |
| CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   | CE RCM   |