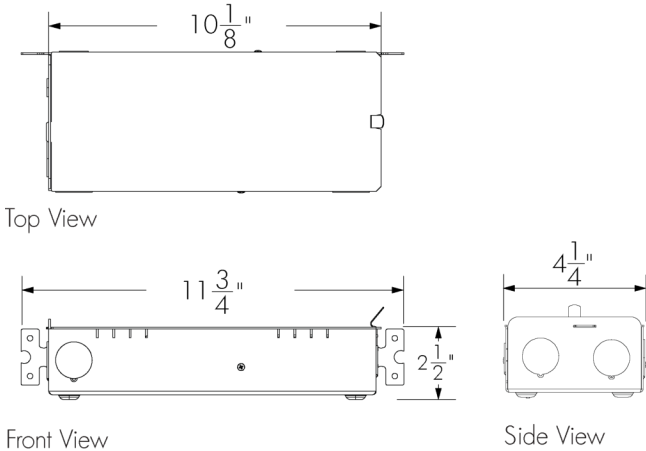


Project Name

Qty

Type

Catalog / Part Number



Compatible System



Output Control Signals

0-10V DMXrdm

Finish

Unfinished

Required Components (By Others)

- Cables
- Listed watertight strain relief connectors
- Sealing compound

Lumencycle™ Program



Certifications



Description

The Lumentalk Data Bridge Indoor is a digital interface that connects non-Lumentalk luminaires to the Lumentalk network, 0-10V or DMX output.

Features

|                            |                            |
|----------------------------|----------------------------|
| Input Protocols Supported  | Lumentalk Enabled Dimming  |
| Output Protocols Supported | 0-10V Dimming, DMX Control |
| Finish                     | Unfinished                 |
| Warranty                   | 5-year limited warranty    |

Physical

|                  |                  |
|------------------|------------------|
| Housing Material | Galvanized Steel |
| Cover            | Snap-on cover    |
| Weight           | 3.3 lbs          |

Electrical and Control

|                |                                            |
|----------------|--------------------------------------------|
| Input Voltage  | AC power input: 100-277V AC                |
| Output Voltage | AC power output: 100-277V AC, 250W maximum |
| Power Input    | ø 1-1/8" Knockout                          |
| Output         | ø 1-1/8" Knockout                          |

Environmental

|                           |                                  |
|---------------------------|----------------------------------|
| Storage Temperature       | -40 °F to 85 °F                  |
| Start-up Temperature      | -25°C to 50°C [-13 °F to 122 °F] |
| Operating Temperature     | -25°C to 50°C [-13°F to 122°F]   |
| Ingress Protection Rating | IP20                             |
| Environment               | Suitable for indoor use only     |

Important

Virtual Patent Marking Notice

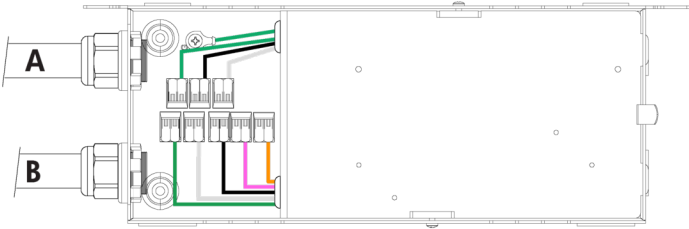
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures, and responsibly manage them at end of life. For full program details, visit <https://www.lumenpulse.com/lumencycle>.

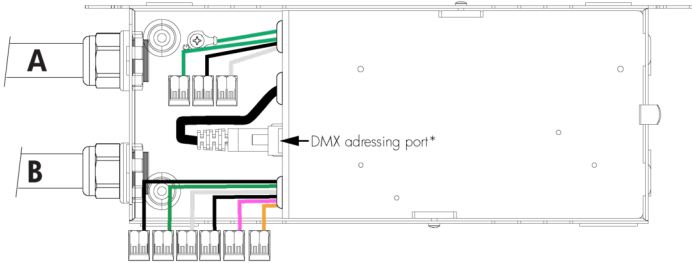
Typical Layout

0-10V Output Configuration



- A - 100-277V input (data from Lumentalk control system, in from power line)
- B - Output to 0-10V dimming fixture

DMX Output Configuration



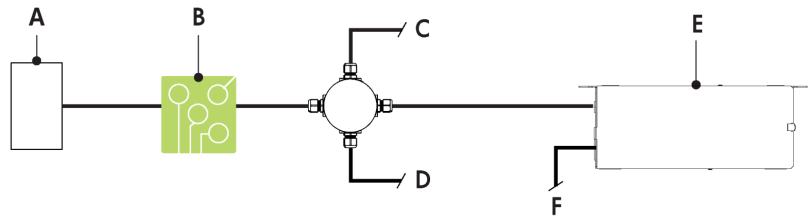
- A - 100-277V Input (data from Lumentalk control system, in from power line)
- B - Output to DMX or DMX/RDM fixture
- Consult factory for details.

\*2-step commissioning process:

- 1 - DMX/RDM system using LumenID software and a LID.
- 2 - Lumentalk system using LumentalkID software and a LID-LT.

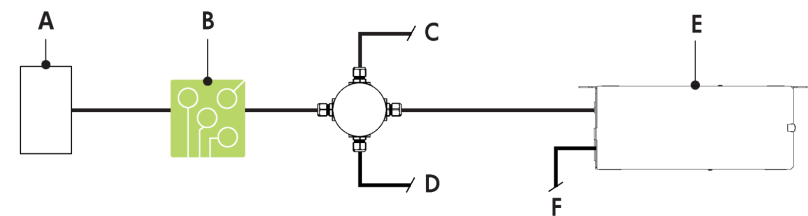
Typical Wiring Diagrams

0-10V Dimming (DIM)



- A - Dimmer/Controller (by others)
- B - Lumentranslator 2 (LTL2-DIM)
- C - To next Lumentalk enabled fixture or next Lumentalk Data Bridge Indoor
- D - Line input (to match fixture specified voltage)
- E - Lumentalk Data Bridge Indoor (LDBI-DIM)
- F - Output to 0-10V dimming fixture

DMX Control (DMX)



- A - DMX/RDM Controller (order separately from Lumenpulse, or by others)
- B - Lumentranslator 2 (LTL2-DMX)
- C - To next Lumentalk enabled fixture or next Lumentalk Data Bridge Indoor
- D - Line input (to match fixture specified voltage)
- E - Lumentalk Data Bridge Indoor (LDBI-DMX)
- F - Output to DMX or DMX/RDM fixture or control and power supply box

How to Order

| Housing                                           | Output Protocol                                                 | Finish                  |
|---------------------------------------------------|-----------------------------------------------------------------|-------------------------|
| <b>LDBI</b><br>Lumentalk<br>Data Bridge<br>Indoor | <b>DIM</b><br>0-10V<br>Dimming<br><br><b>DMX</b><br>DMX Control | <b>UN</b><br>Unfinished |