



The Terraluz TE5 Gen 2 is a high-output linear in-ground brings together the best technology in a simple yet stylish linear form factor with bezel-less edge-to-edge glass finish. With a  $\pm 15^\circ$  tilt adjustment, the Terraluz TE5 Gen 2 is a versatile, high-performance luminaire. Packed with features including **EasyGlow™** visual comfort and **CoolDrive™** thermal management technologies. For dimming applications the luminaire can controlled with DALI or 0-10 V protocol.

Performance

| Static White & Color <sup>1</sup> | Lumen Output (lm) | Efficacy (lm/W) | Peak Intensity (cd) |
|-----------------------------------|-------------------|-----------------|---------------------|
| ● 2,700 K (80 CRI)                | 5,340             | 78              | 193,100             |
| ● 3,000 K (80 CRI)                | 5,560             | 81              | 201,300             |
| ○ 3,500 K (80 CRI)                | 5,790             | 85              | 209,600             |
| ● 4,000 K (80 CRI)                | 6,020             | 88              | 217,800             |
| ● 5,000 K (70 CRI)                | 6,020             | 88              | 217,800             |

<sup>1</sup> Lumen output values are based on a 18 W/ft, 4 ft luminaire with 6° lens.

|                    |  |
|--------------------|--|
| <b>Beam Angles</b> | 6°, 10°, 15°, 30°, 45°, 60°, 10° x 40°, 10° x 60°, 20° x 40°, 20° x 60°, 100°, Asymmetric / Wallwash |
|--------------------|--|



Products and specifications are subject to change without notice.  
LS3152\_250924

### Electrical

|                           |   |
|---------------------------|---|
| <b>Power Consumption</b>  | 18 W/ft   |
| <b>Lifetime</b>           | >179,506 hrs (B10, L90, TM21 Projected)                                 |
| <b>Input Voltage</b>      | International 220-240 Vac, 50/60 Hz<br>North America 120/277 Vac, 60 Hz |
| <b>Earth Leakage</b>      | 0.4 mA @ 220 V  |
| <b>Thermal Management</b> | CoolDrive™ onboard thermal monitoring and control                       |

### Control

|                              |  |
|------------------------------|--|
| <b>Protocols<sup>1</sup></b> | DALI® 2 (International), 0 to 10 V (North America), Non-Dimmable |
| <b>Systems</b>               | Range of third-party controllers                                 |

<sup>1</sup> Some protocols require additional hardware. For more information and other available protocols contact Lumascape.

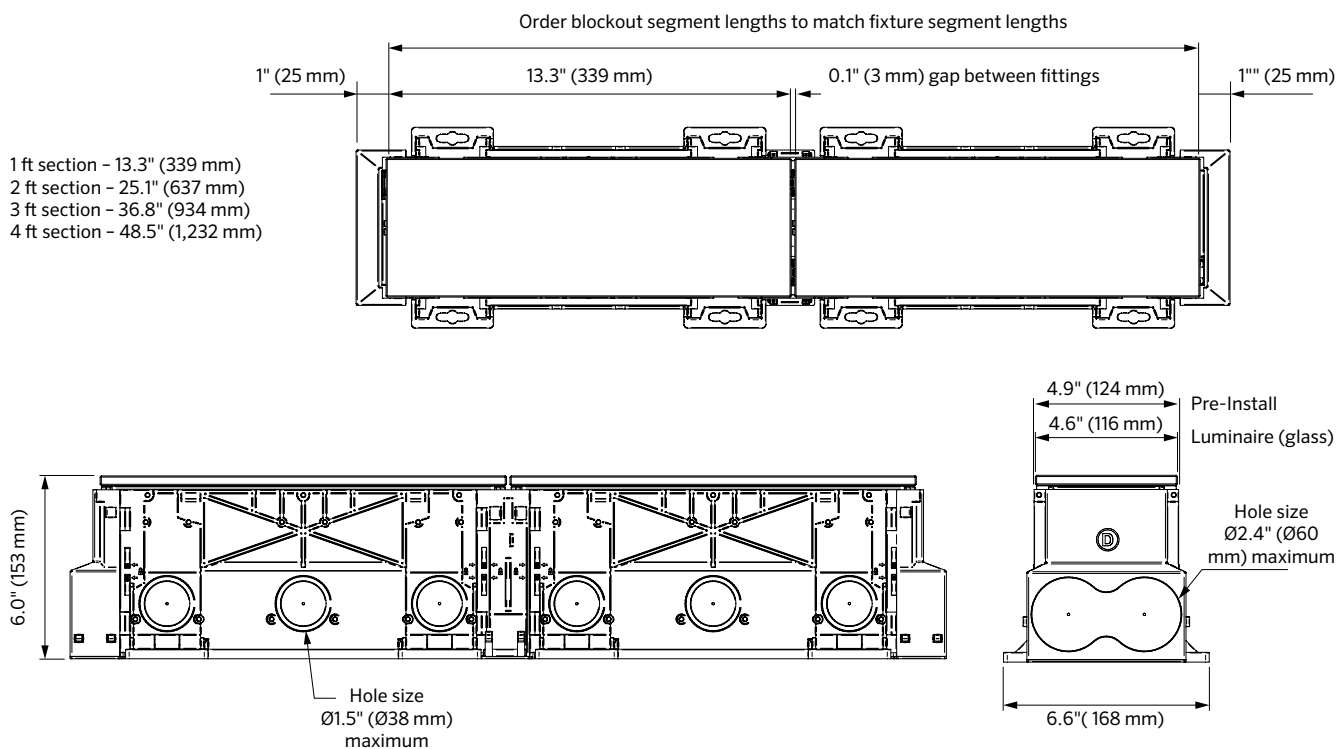
### Physical

|                                      |   |
|--------------------------------------|---|
| <b>Housing</b>                       | Marine-grade extruded aluminum, tempered glass  |
| <b>Finish</b>                        | Superior 9-step powder-coating process, including marine-grade epoxy undercoat and polyester top coat |
| <b>Installation</b>                  | Pre-installation  |
| <b>Adjustable</b>                    | ± 15° tilt  |
| <b>Ambient Operating Temperature</b> | -40 °F to 122 °F (-40 °C to 50 °C)  |
| <b>Surface Temperature</b>           | ≤122 °F (50 °C)   |
| <b>Weight</b>                        | 14.8 lbs (6.7 kg) for 4 ft section  |

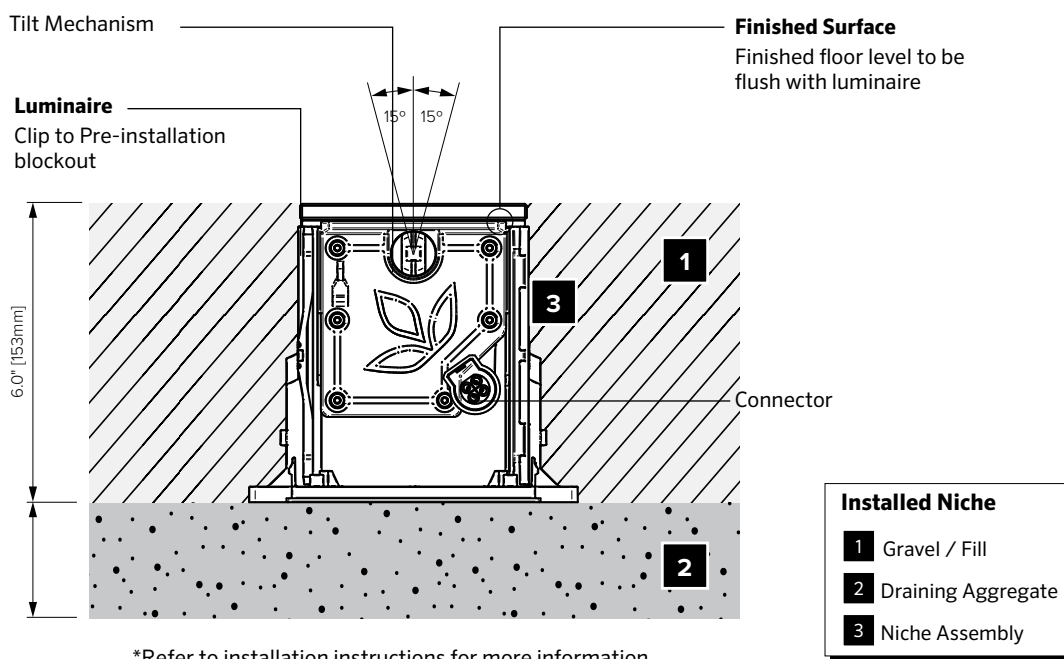
### Certification & Compliance

|                       |   |
|-----------------------|---|
| <b>IP Rating</b>      | IP66 / IP67 (Passes IP68 Tests)                                     |
| <b>IK Rating</b>      | IK9   |
| <b>Environment</b>    | Dry, Damp, Wet locations (not suitable for underwater applications) |
| <b>Certifications</b> | cULus, CE, RCM  |

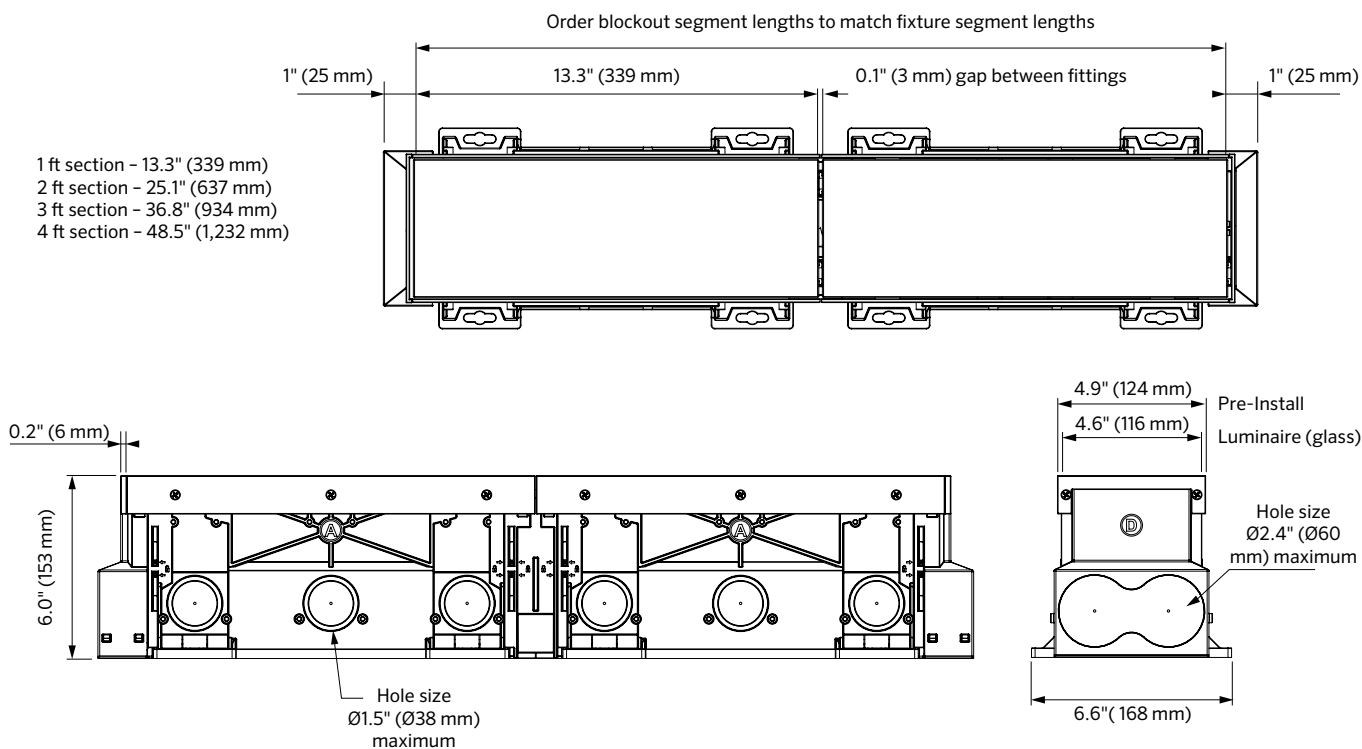
Dimensions (Without Stainless-Steel Trim)



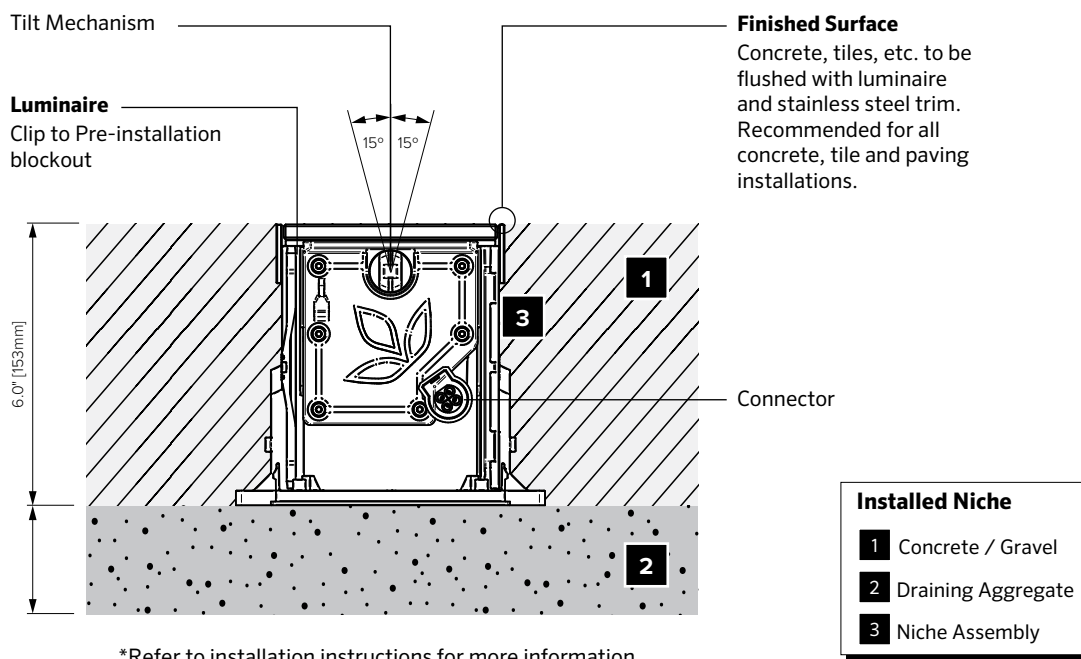
Luminaire Rotation



Dimensions (With Stainless-Steel Trim)



Luminaire Rotation





Component Overview

**Start / Stand-Alone Section**

Plain LS6312-1  
SS LS6312-1SS

Plain LS6312-2  
SS LS6312-2SS

Plain LS6312-3  
SS LS6312-3SS

Plain LS6312-4  
SS LS6312-4SS

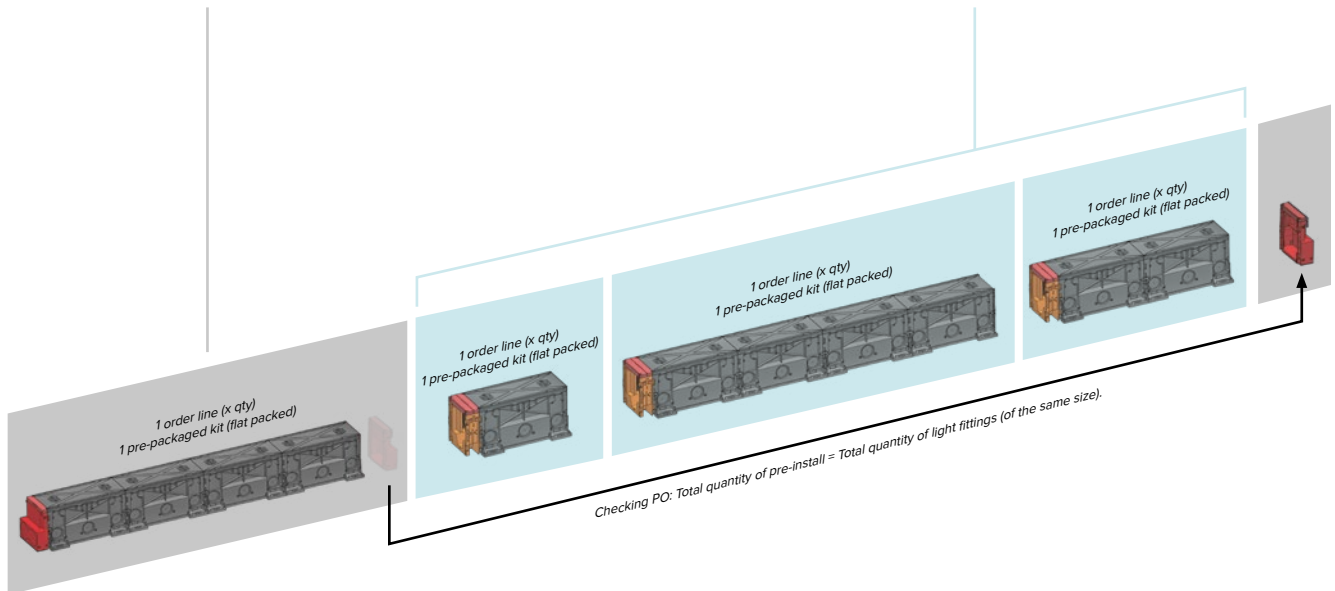
**Middle / End Section**

Plain LS6313-1  
SS LS6313-1SS

Plain LS6313-2  
SS LS6313-2SS

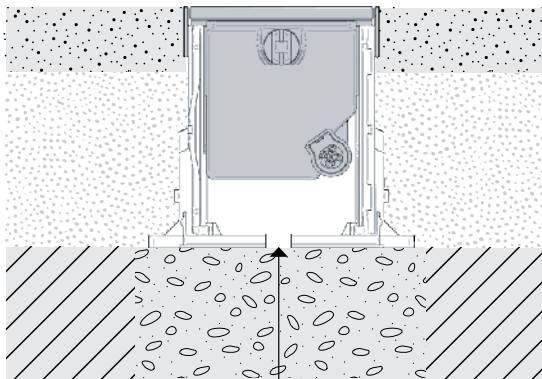
Plain LS6313-3  
SS LS6313-3SS

Plain LS6313-4  
SS LS6313-4SS



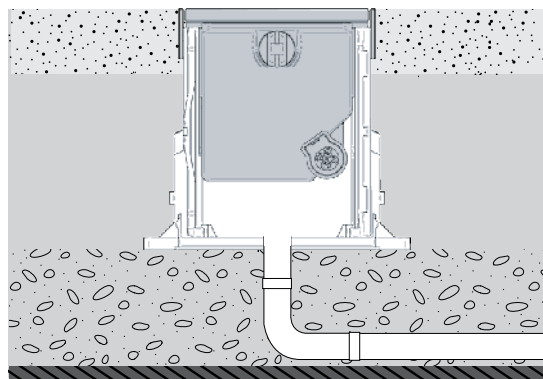
Drainage Requirements and Other Restrictions

**Paver/Stonework**



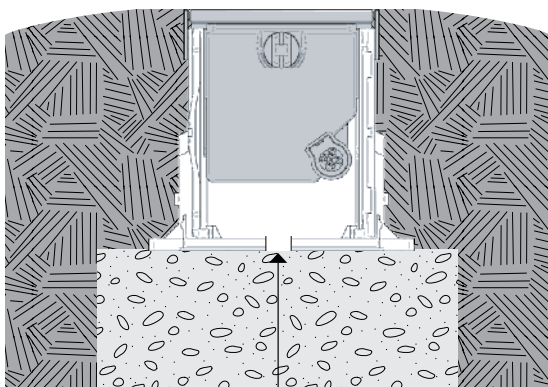
3/4" hole, minimum 1 per 4' (cut on site)

**Above Waterproofing**



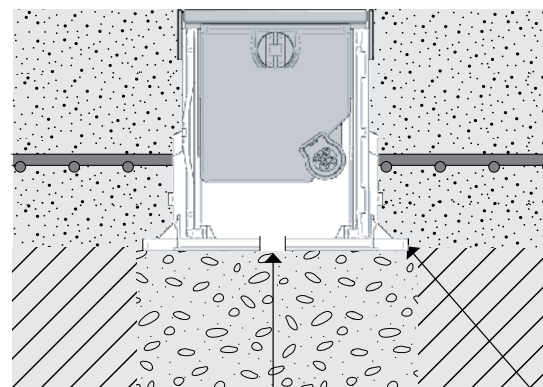
Piped draining required for locations not able to freely drain through gravel (above waterproofing, clay base, etc).

**Landscape/Softscape**



3/4" hole, minimum 1 per 4' (cut on site)







**Concrete**



3/4" hole, minimum 1 per 4' (cut on site)

Rebar Tie Points

**Key**

-  Concrete Slab
-  Pea / Drainage
-  Poured Concrete
-  Sand
-  Soil / Earth
-  Waterproofing Layer

**Important Information**

- Fill luminaire block-out with water to test drainage effects. Water must drain entirely.
- To prevent water accumulation, do not install at a location where site is hollow.
- Do not use fertilizer or corrosive chemicals adjacent to luminaire.
- Not suitable for drive-over.

Connectorized Accessories

**Leader Cables - Line Voltage**

1.5 mm<sup>2</sup> or 2.5mm<sup>2</sup> for use in CE/CCC installations. Compatible with all luminaires with Type 73 or 77 connectorized supply cable options. Supplied fitted with an IP68 connector for pairing with the first connectorized luminaire in a Line Voltage circuit. Comes complete with a matching End of Circuit Plug.

*Not suitable for use in North America*

| Cable Type          | Code         | Cable Type   | Code | Length     | Code |
|---------------------|--------------|--------------|------|------------|------|
| 1.5 mm <sup>2</sup> | LS6402C      | Non-Dimmable | ND   | 10' (3 m)  | 010  |
| 2.5 mm <sup>2</sup> | LS6402C-2.5* | DALI         | DL   | 33' (10 m) | 033  |
|                     |              |              |      | 50' (15 m) | 050  |

\* Not available for DALI.

**Leader Cables - Line Voltage Hook-Up Wire**

14 AWG Hook-Up wires for use in UL installations. Compatible with all luminaires with Type 73 or 77 connectorized supply cable options. Supplied fitted with an IP68 connector for pairing with the first connectorized luminaire in a Line Voltage circuit. Comes complete with a matching End of Circuit Plug.

*For use in North America ONLY*

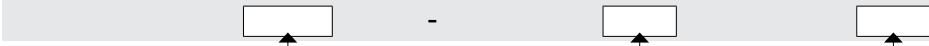
| Cable Type                 | Code   | Cable Type   | Code | Length     | Code |
|----------------------------|--------|--------------|------|------------|------|
| 14 AWG 1.5 mm <sup>2</sup> | LS6435 | Non-Dimmable | ND   | 6' (2 m)   | 006  |
|                            |        | 0-10V        | AH   | 10' (3 m)  | 010  |
|                            |        |              |      | 16' (5 m)  | 016  |
|                            |        |              |      | 50' (15 m) | 050  |

Connectorized Accessories

**Jumper Cables – Line Voltage (For Connection Type 77 Only)**

1.5 mm<sup>2</sup> or 2.5 mm<sup>2</sup> cable for use in CE/CCC installations. Compatible with all Luminaires with Type 77 connectorized supply cable options. Fitted with male and female IP68 connectors for joining two connectorized luminaires.

*Not suitable for use in North America*




| Cable Type          | Code         | Cable Type   | Code | Length     | Code |
|---------------------|--------------|--------------|------|------------|------|
| 1.5 mm <sup>2</sup> | LS6404C      | Non-Dimmable | ND   | 1' (0.3 m) | 001  |
| 2.5 mm <sup>2</sup> | LS6404C-2.5* | DALI         | DL   | 2' (0.6 m) | 002  |
|                     |              |              |      | 3' (1 m)   | 003  |
|                     |              |              |      | 4' (1.2 m) | 004  |
|                     |              |              |      | 6' (2 m)   | 006  |
|                     |              |              |      | 10' (3 m)  | 010  |
|                     |              |              |      | 16' (5 m)  | 016  |
|                     |              |              |      | 26' (26 m) | 026  |
|                     |              |              |      | 33' (10 m) | 033  |
|                     |              |              |      | 50' (15 m) | 050  |

\* Not available for DALI.

**Jumper Cables – Line Voltage (For Connection Type 77 Only)**

14 AWG for use in UL installations. Compatible with all Luminaires with Type 77 connectorized supply cable options. Fitted with male and female IP68 connectors for joining two connectorized luminaires.

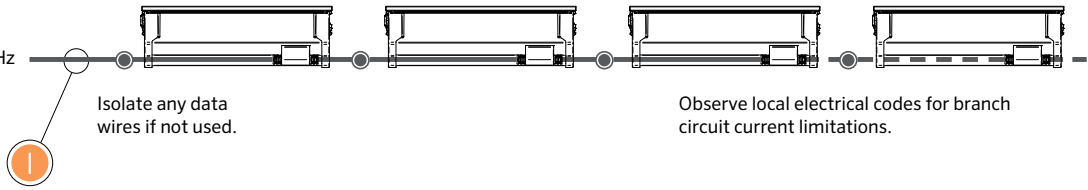
*For use in North America ONLY*



| Cable Type | Code    | Cable Type   | Code | Length     | Code |
|------------|---------|--------------|------|------------|------|
| 14 AWG     | LS6404U | Non-Dimmable | ND   | 1' (0.3 m) | 001  |
|            |         | 0-10V        | AH   | 2' (0.6 m) | 002  |
|            |         |              |      | 3' (1 m)   | 003  |
|            |         |              |      | 4' (1.2 m) | 004  |
|            |         |              |      | 6' (2 m)   | 006  |
|            |         |              |      | 10' (3 m)  | 010  |
|            |         |              |      | 16' (5 m)  | 016  |
|            |         |              |      | 26' (26 m) | 026  |
|            |         |              |      | 33' (10 m) | 033  |
|            |         |              |      | 50' (15 m) | 050  |

Network Topology

North America  
120/277 Vac 60 Hz  
International  
220-240 Vac 50/60 Hz



Observe local electrical codes for branch circuit current limitations.

Observe the following conditions when installing luminaire:

- Maximum Circuit Load limitations apply
- Always observe local electrical codes for branch circuit current limitations
- Cumulative earth leakage and voltage drop may need to be calculated.
- For non-continuous runs contact Lumascape for details.
- Local wiring rules and requirements may limit circuit loadings refer to relevant electrical parameters to calculate.



**Maximum Current**

Maximum current through cables and connectors supplied by Lumascape:  
 ≤12.8 A - Installations in North American Market (UL)  
 ≤16 A - Installations in International Market (CE, CCC)



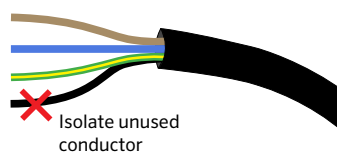
**Connection Type**

Circuits are configured as connectorized. For details refer to installation instructions and comply with local electrical codes.

Fixture Colors & Wiring Designations

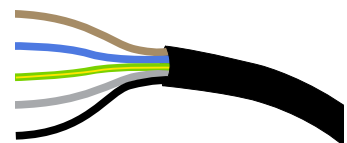
Non-Dimmable Line Voltage 220 to 240 Vac - International

| Designation  | Color          |
|--------------|----------------|
| Line         | Brown          |
| Neutral      | Blue           |
| Ground/Earth | Green / Yellow |
| Not used     | Black          |



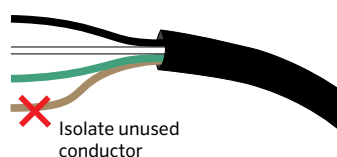
DALI Line Voltage 220 to 240 Vac - International

| Designation  | Color          |
|--------------|----------------|
| Line         | Brown          |
| Neutral      | Blue           |
| Ground/Earth | Green / Yellow |
| DALI +       | Grey           |
| DALI -       | Black          |



Non-Dimmable Line Voltage 120/277 Vac - North America

| Designation  | Color |
|--------------|-------|
| Line         | Black |
| Neutral      | White |
| Ground/Earth | Green |
| Not used     | Brown |



0-10 V Line Voltage 120/277 Vac - North America

| Designation  | Color        |
|--------------|--------------|
| Line         | Black        |
| Neutral      | White        |
| Ground/Earth | Green        |
| 0-10 V +     | Purple       |
| 0-10 V -     | Pink or Grey |

