

# 4" Ceiling / Floor Wash

## driver information



Please refer to driver manufacturer’s website for current data sheets and wiring guidelines.

| REMOTE | DRIVER<br>PART NUMBER | DRIVER<br>WATTAGE | CONTROL<br>PROTOCOL | DIMMING<br>LEVEL | FIXTURES PER DRIVER |                   |                   |
|--------|-----------------------|-------------------|---------------------|------------------|---------------------|-------------------|-------------------|
|        |                       |                   |                     |                  | L [8.1W (250mA)]    | M [11.5W (350mA)] | H [16.8W (500mA)] |
|        | RS010                 | 22W               | 0-10V               | 1%               | 1                   | 1                 | 1                 |
|        |                       | 50W               | 0-10V               | 1%               | 1                   | 1                 | 1                 |
|        |                       | 100W              | 0-10V               | 1%               | 1 -- 2              | 1 -- 2            | 1 -- 2            |
|        | RD010                 | 22W               | 0-10V               | 0.1%             | 1                   | 1                 | 1                 |
|        |                       | 50W               | 0-10V               | 0.1%             | 1 -- 2              | 1 -- 2            | 1 -- 2            |
|        |                       | 100W              | 0-10V               | 0.1%             | 1 -- 4              | 1 -- 4            | 1 -- 4            |
|        | RSPH                  | 20W               | Triac / ELV         | 3%               | -                   | 1                 | 1                 |
|        | RPEQ0                 | 20W               | EcoSystem           | 0.1%             | 1                   | 1                 | 1                 |
|        | RD2S                  | 22W               | DALI-2 (DT6)        | 0.1%             | 1                   | 1                 | 1                 |
|        |                       | 50W               | DALI-2 (DT6)        | 0.1%             | 1 -- 2              | 1 -- 2            | 1 -- 2            |
|        |                       | 100W              | DALI-2 (DT6)        | 1%               | 1 -- 2              | 1 -- 2            | 1 -- 2            |



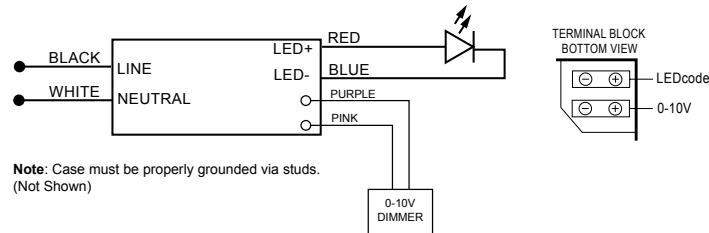
# 4" Ceiling / Floor Wash

## driver information

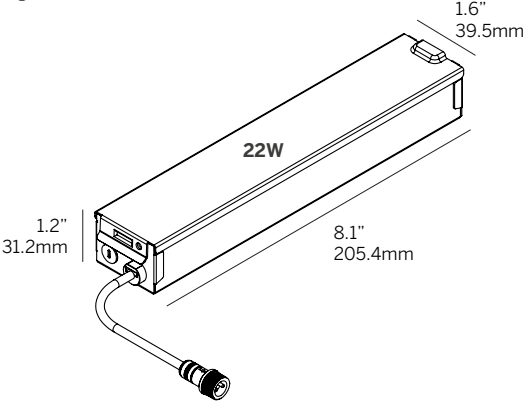


RS010 = eldoLED 0-10V 1% dimming, 120-277V

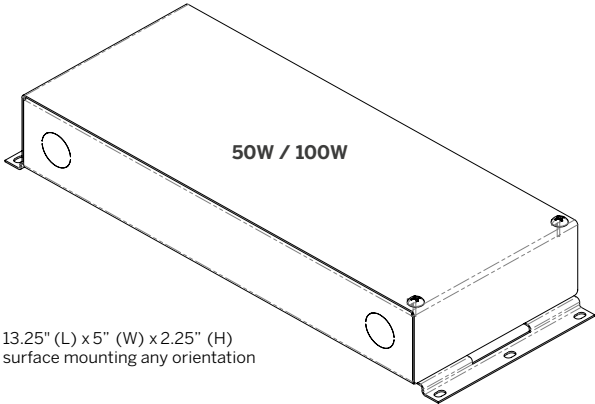
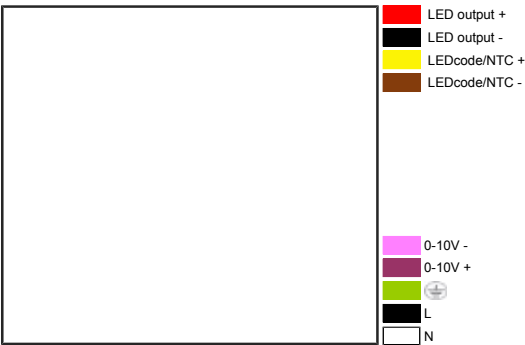
22W [spec sheet](#)



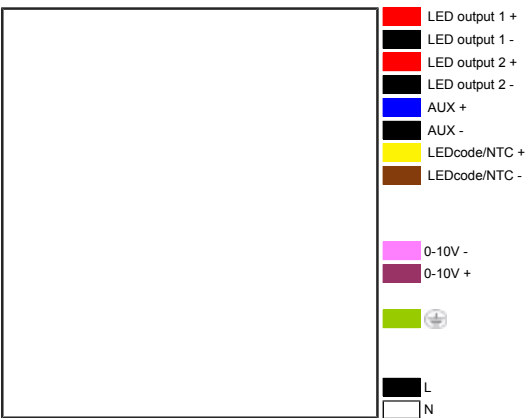
Dry Location Enclosure



50W [spec sheet](#)



100W [spec sheet](#)



| Wire gauge                     | Maximum wiring distance <sup>1</sup> |
|--------------------------------|--------------------------------------|
| AWG 20 (0.52 mm <sup>2</sup> ) | 46 ft (14 m)                         |
| AWG 19 (0.65 mm <sup>2</sup> ) | 59 ft (18 m)                         |
| AWG 18 (0.82 mm <sup>2</sup> ) | 72 ft (22 m)                         |
| AWG 17 (1.04 mm <sup>2</sup> ) | 92 ft (28 m)                         |
| AWG 16 (1.31 mm <sup>2</sup> ) | 118 ft (36 m)                        |

<sup>1</sup>Actual distance must be calculated by installer. Must comply with NEC code.

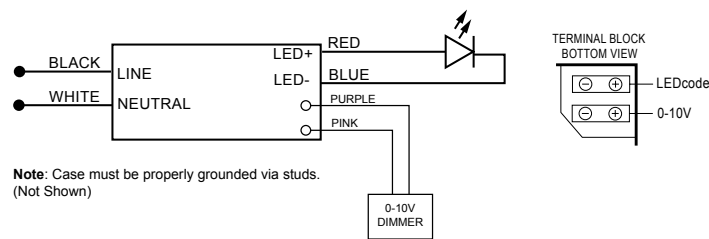
# 4" Ceiling / Floor Wash

## driver information

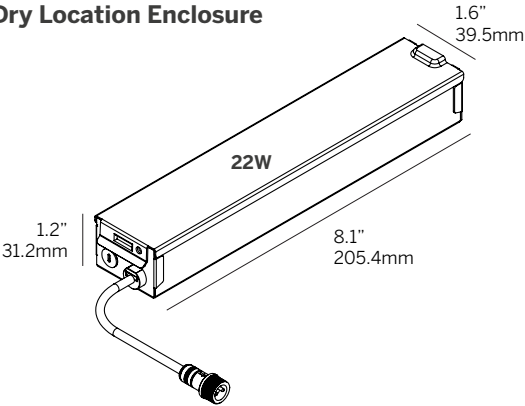


RD010 = eldoLED 0-10V 0.1% dimming, 120-277V

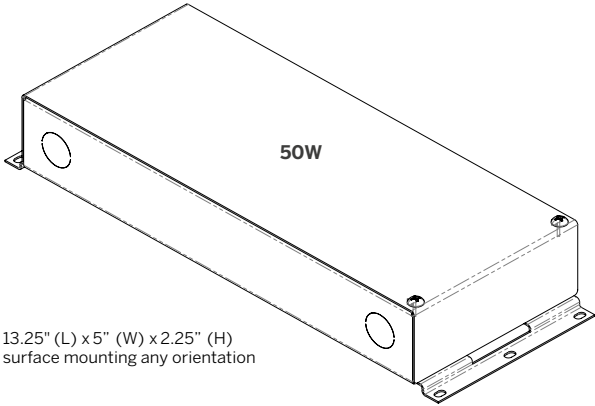
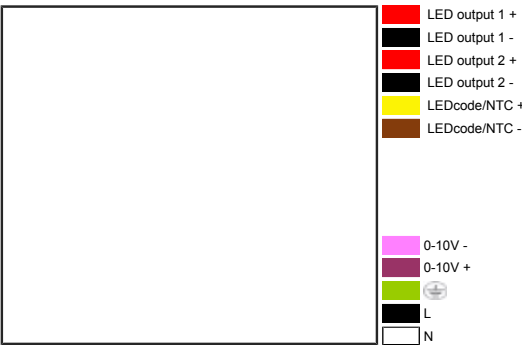
### 22W [spec sheet](#)



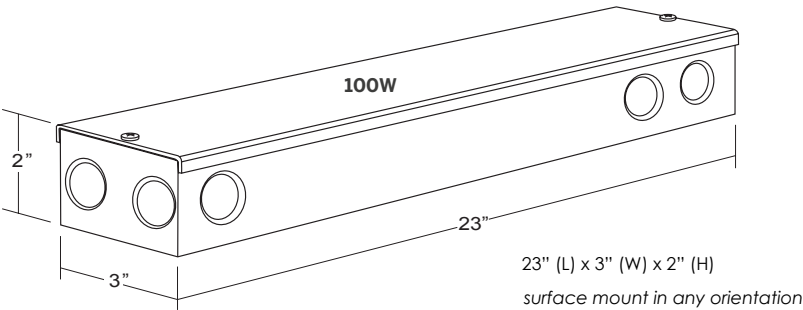
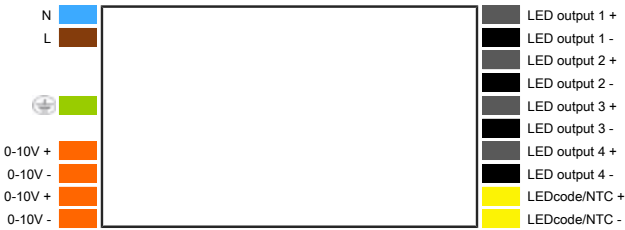
### Dry Location Enclosure



### 50W [spec sheet](#)



### 100W [spec sheet](#)



| Wire gauge                     | Maximum wiring distance <sup>1</sup> |
|--------------------------------|--------------------------------------|
| AWG 20 (0.52 mm <sup>2</sup> ) | 46 ft (14 m)                         |
| AWG 19 (0.65 mm <sup>2</sup> ) | 59 ft (18 m)                         |
| AWG 18 (0.82 mm <sup>2</sup> ) | 72 ft (22 m)                         |
| AWG 17 (1.04 mm <sup>2</sup> ) | 92 ft (28 m)                         |
| AWG 16 (1.31 mm <sup>2</sup> ) | 118 ft (36 m)                        |

<sup>1</sup>Actual distance must be calculated by installer. Must comply with NEC code.

# 4" Ceiling / Floor Wash

## driver information

### Compatible 0-10V dimmers and switches\*

| DIMMER MANUFACTURER       | WEBSITE                                                                              | TYPE                                         | RECOMMENDED DIMMING CURVE  |
|---------------------------|--------------------------------------------------------------------------------------|----------------------------------------------|----------------------------|
| Busch-Jaeger              | <a href="http://www.busch-jaeger.de">www.busch-jaeger.de</a>                         | 2112U-101                                    | Logarithmic                |
| Jung                      | <a href="http://www.gb.jung.de">www.gb.jung.de</a>                                   | 240-10                                       | Logarithmic                |
| Leviton Lighting Controls | <a href="http://www.leviton.com">www.leviton.com</a>                                 | IlumaTech - IP710-DLX                        | Logarithmic                |
| Lightolier Controls       | <a href="http://www.lightolier.com">www.lightolier.com</a>                           | ZP600FAM120                                  | Logarithmic                |
| Lutron Electronics        | <a href="http://www.lutron.com/LEDtool">www.lutron.com/LEDtool</a>                   | Nova T - NTFTV<br>Diva - DVTV<br>Diva - NFTV | Linear<br>Linear<br>Linear |
| Merten                    | <a href="http://www.merten.de">www.merten.de</a>                                     | 5729                                         | Logarithmic                |
| Pass & Seymour            | <a href="http://www.legrand.us">www.legrand.us</a>                                   | CD4FB-W                                      | Logarithmic                |
| The Watt Stopper          | <a href="http://www.wattstopper.com">www.wattstopper.com</a>                         | DCLV1                                        | Logarithmic                |
| Sensor Switch             | <a href="http://www.sensorswitch.com">www.sensorswitch.com</a>                       | nIO EZ                                       | Linear                     |
| Synergy                   | <a href="http://www.synergylightingcontrols.com">www.synergylightingcontrols.com</a> | ISD BC                                       | Logarithmic                |

### Compatible 0-10V dimming control systems\*

| CONTROL MANUFACTURER | WEBSITE                                                            | TYPE                                                                                                                                                                                                | RECOMMENDED DIMMING CURVE                                                                                                                          |
|----------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Lutron Electronics   | <a href="http://www.lutron.com/LEDtool">www.lutron.com/LEDtool</a> | GraphicEye - GRX-TVI w GRX3503<br>Energy Savr Node - QSN-4T16-S<br>TVM2 Module Linear                                                                                                               | Linear<br>Linear<br>Linear                                                                                                                         |
| Crestron             | <a href="http://www.crestron.com">www.crestron.com</a>             | GLX-DIMFLV8<br>GLXP-DIMFLV8<br>GLPAC-DIMFLV4-*<br>GLPAC-DIMFLV8-*<br>GLPP-DIMFLVEX-PM<br>GLPP-1DIMFLV2EX-PM<br>GLPP-1DIMFLV3EX-PM L<br>DIN-AO8<br>DIN-4DIMFLV4<br>CLS-EXP-DIMFLV<br>CLCI-1DIMFLV2EX | Logarithmic<br>Logarithmic<br>Logarithmic<br>Logarithmic<br>Logarithmic<br>Logarithmic<br>Logarithmic<br>Logarithmic<br>Logarithmic<br>Logarithmic |
| ABB                  | <a href="http://www.abb.com/KNX">www.abb.com/KNX</a>               | IlumaTech - IP710-DLX                                                                                                                                                                               | Logarithmic                                                                                                                                        |

\* Compatibility with dimmers and controls systems not included in the above can be verified upon request. Please contact us and provide data sheets for the specified dimmer or control system.

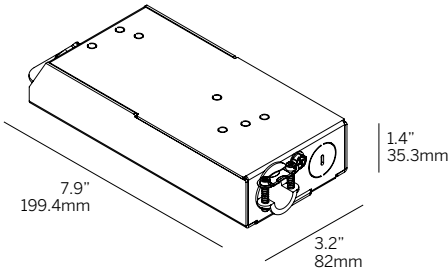
# 4" Ceiling / Floor Wash

## driver information

RSPH = Phase (2-wire) 3% dimming, 120V only (20W) [spec sheet](#)



### Dry Location Enclosure



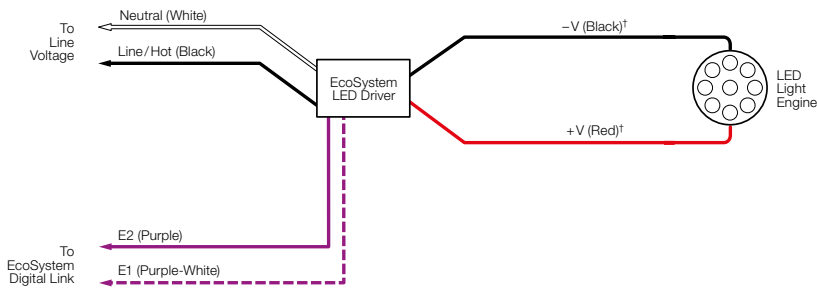
| Wire gauge        | Maximum wiring distance <sup>1</sup> |
|-------------------|--------------------------------------|
| AWG 20 (0.52 mm²) | 46 ft (14 m)                         |
| AWG 19 (0.65 mm²) | 59 ft (18 m)                         |
| AWG 18 (0.82 mm²) | 72 ft (22 m)                         |
| AWG 17 (1.04 mm²) | 92 ft (28 m)                         |
| AWG 16 (1.31 mm²) | 118 ft (36 m)                        |

<sup>1</sup> Actual distance must be calculated by installer. Must comply with NEC code.

# 4" Ceiling / Floor Wash

## driver information

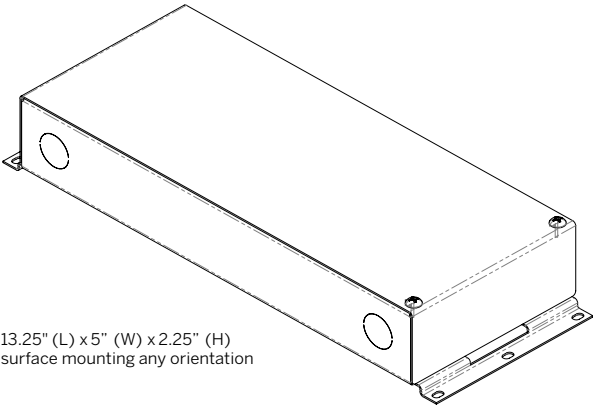
RPEQ0 = Lutron Hi-Lume Premier 0.1% EcoSystem dimming, 120-277V (20W) [spec sheet](#)



| Wire gauge                     | Maximum lead length <sup>1</sup> |
|--------------------------------|----------------------------------|
|                                | 150 mA to 700 mA                 |
| 18 AWG (0.75 mm <sup>2</sup> ) | 30 ft (9 m)                      |
| 16 AWG (1.5 mm <sup>2</sup> )  | 35 ft (10.5 m)                   |
| 14 AWG (2.5 mm <sup>2</sup> )  | 50 ft (15 m)                     |
| 12 AWG (4.0 mm <sup>2</sup> )  | 100 ft (30 m)                    |

<sup>1</sup> Actual distance must be calculated by installer. Must comply with NEC code.

### Dry Location Enclosure



13.25" (L) x 5" (W) x 2.25" (H)  
surface mounting any orientation

### Compatible Controls for Lutron Hi-Lume Premier 0.1% EcoSystem, 120-277V

| Lutron EcoSystem Compatible Controls      | Part Number                    |        | Drivers per Control         |                            |                             |
|-------------------------------------------|--------------------------------|--------|-----------------------------|----------------------------|-----------------------------|
|                                           | 120 V~                         | 277 V~ | EcoSystem Loops per Control | Drivers per EcoSystem Loop | Maximum Drivers per Control |
| PowPak Dimming Modules                    | RMJ-ECO32-DV-B                 |        | 1                           | 32                         | 32                          |
|                                           | FCJ/FCJS-ECO <sup>1</sup>      |        | 1                           | 3                          | 3                           |
| Energi Savr Node                          | QSN-1ECO-S                     | N/A    | 1                           | 64                         | 64                          |
|                                           | QSN-2ECO-S                     |        | 2                           | 64                         | 128                         |
| GRAFIK Eye QS / HomeWorks QS control unit | QSGRJ-_E (wireless)<br>QSGR-_E | N/A    | 1                           | 64                         | 64                          |
| Quantum Hub                               | QP2-_ 2C                       | N/A    | 2                           | 64                         | 128                         |
|                                           | QP2-_ 4C                       |        | 4                           | 64                         | 256                         |
|                                           | QP2-_ 6C                       |        | 6                           | 64                         | 384                         |
|                                           | QP2-_ 8C                       |        | 8                           | 64                         | 512                         |

<sup>1</sup> All devices connected to one FCJ/FCJS-ECO will be controlled together. Devices will dim to the same level as the result of a control command. For more detail on adjusting low-end light level refer to Application Note #556 (048556) at [www.lutron.com](http://www.lutron.com)

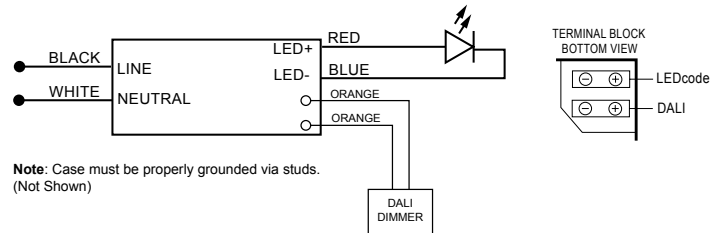
# 4" Ceiling / Floor Wash

## driver information

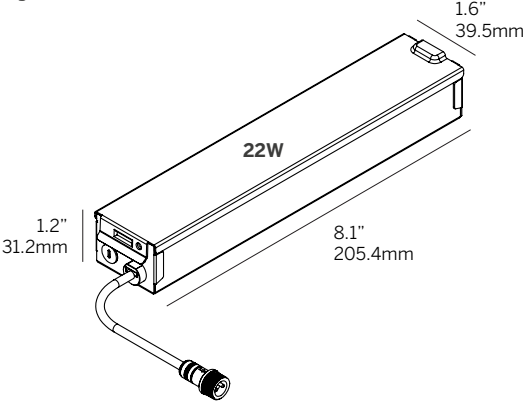


RD2S = DALI-2 (DT6) for Static White 0.1% dimming, 120-277V

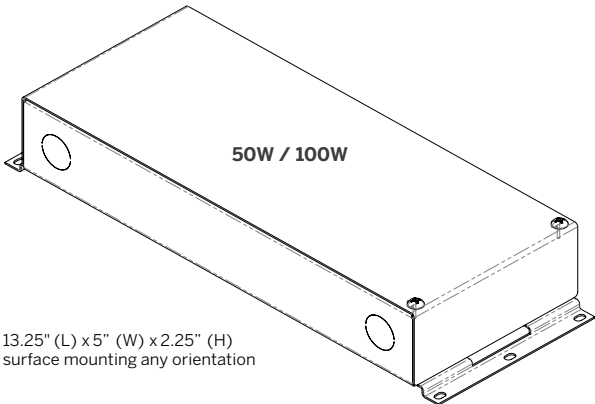
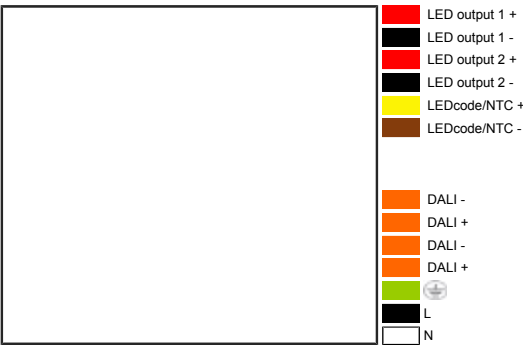
22W [spec sheet](#)



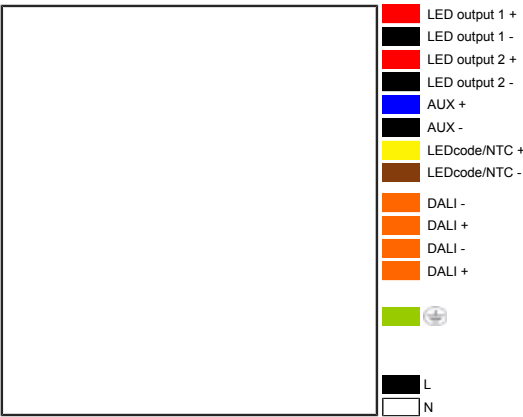
Dry Location Enclosure



50W [spec sheet](#)



100W [spec sheet](#)



| Wire gauge                     | Maximum wiring distance <sup>1</sup> |
|--------------------------------|--------------------------------------|
| AWG 20 (0.52 mm <sup>2</sup> ) | 46 ft (14 m)                         |
| AWG 19 (0.65 mm <sup>2</sup> ) | 59 ft (18 m)                         |
| AWG 18 (0.82 mm <sup>2</sup> ) | 72 ft (22 m)                         |
| AWG 17 (1.04 mm <sup>2</sup> ) | 92 ft (28 m)                         |
| AWG 16 (1.31 mm <sup>2</sup> ) | 118 ft (36 m)                        |

<sup>1</sup> Actual distance must be calculated by installer. Must comply with NEC code.