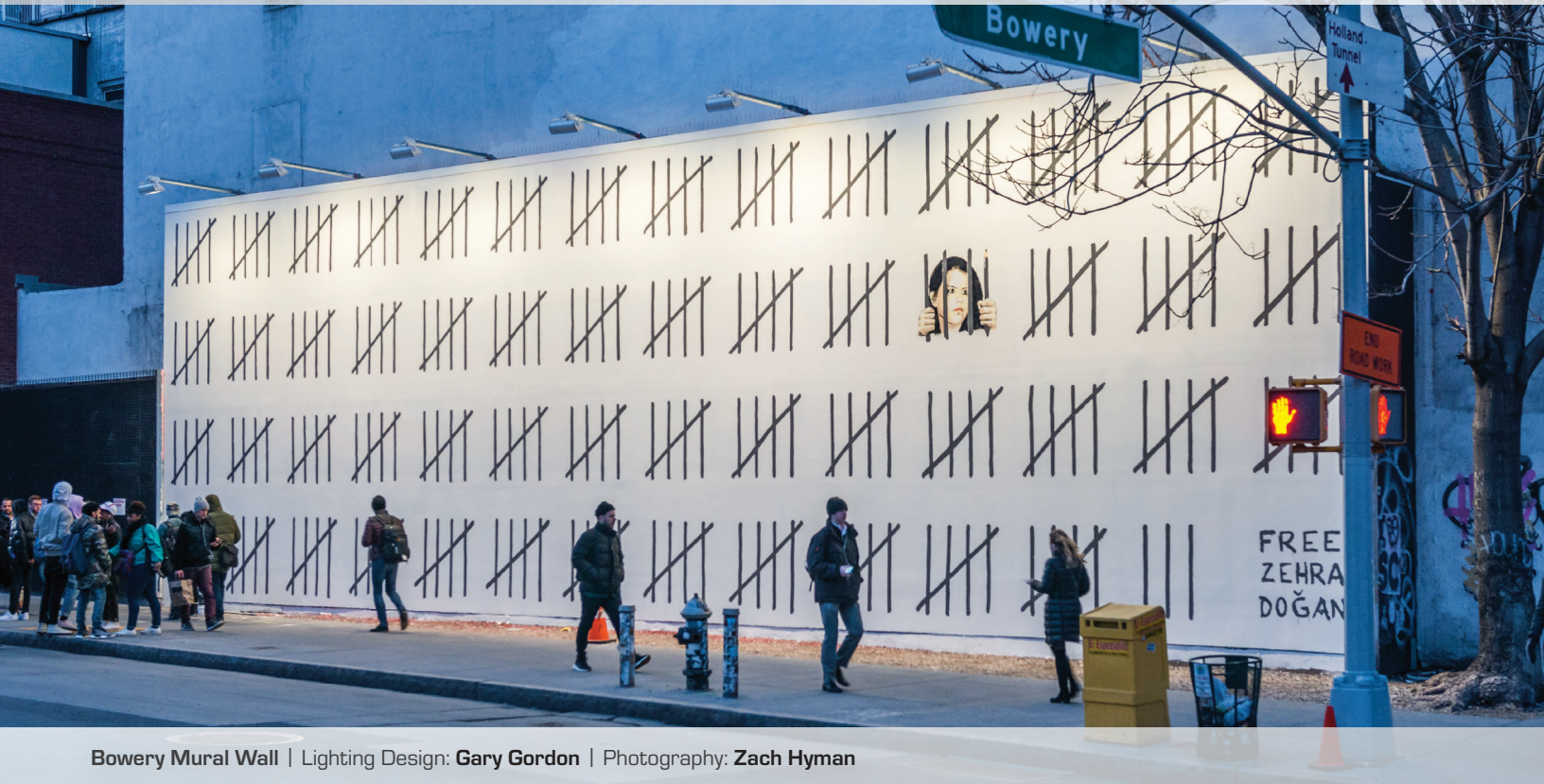


# style S172

Large outdoor, integral driver

**LiQ**  
... Lighting IQ Rising  
The Lighting Quotient

**elliptipar®**



Bowery Mural Wall | Lighting Design: Gary Gordon | Photography: Zach Hyman

## Features

- Extruded aluminum housing, die-cast aluminum end plates; 1000 hour salt-spray test to ASTM B117-90
- Silicone gaskets – keep dirt and moisture out
- Yoke set screw – securely locks aiming
- Asymmetric distribution – illuminates planes evenly

## Performance

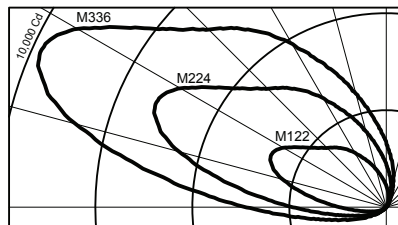
Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating vertical surfaces evenly from top to bottom.



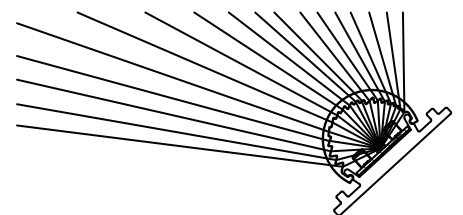
Lighting the Vertical



Uplighting



L85(17k) > 104,000 hrs. @ 25°C per TM-21

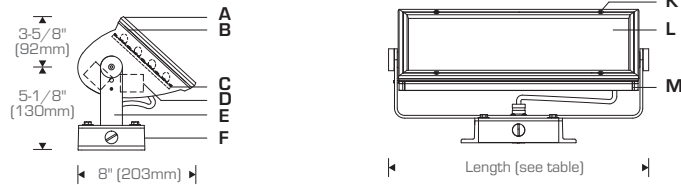


For LM79 and photometric reports, visit [thelightingquotient.com](http://thelightingquotient.com)

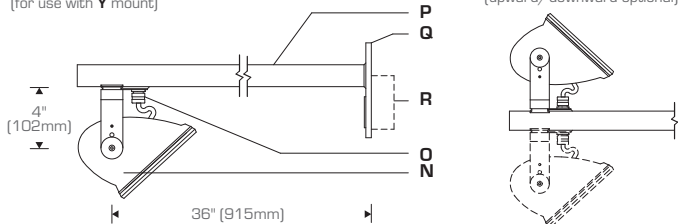
| PROJECT   | TYPE                     |  |             |     |   |   |   |   |   |    |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
|---|--------------------------|--|-------------|-----|---|---|---|---|---|----|----------------|------------|--------|--------|-------------|------|----|------|----|------|-----|-------|-----|------|-----|-------|-----|-----------------------------|--------------------------|--------------------------|--------------------------|-----------------------|-----------------------|---------------------|------------------------|--|-----------------------------|---------------------|--|----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| <b>S</b>  | <b>1</b>                 | <b>7</b>                                 | <b>2</b>    |     |   |   |   |   |   |    | CATALOG NUMBER |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
|   | 1                        | 2  | 3           | 4   | 5 | 6 | 7 | 8 | 9 | 10 |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
| <div> <div> <b>1</b> <b>STYLE</b> <p><b>S172</b> = Large outdoor; integral driver</p> </div> <div> <b>2</b> <b>OUTPUT / POWER</b> <p><b>S</b> = Standard output<br/><b>H</b> = High output</p> </div> <div> <b>3</b> <b>LENGTH</b> <table border="1"> <thead> <tr> <th>ORDER CODE</th> <th>LENGTH</th> <th>LUMENS</th> <th>INPUT WATTS</th> </tr> </thead> <tbody> <tr> <td>H-12</td> <td>12</td> <td>5585</td> <td>51</td> </tr> <tr> <td>H-18</td> <td>18"</td> <td>11170</td> <td>102</td> </tr> <tr> <td>H-24</td> <td>24"</td> <td>16756</td> <td>153</td> </tr> </tbody> </table> <p>Based on 3500K, 90+ CRI See <a href="#">Scaled Performance Table</a></p> </div> <div> <b>4</b> <b>MOUNTING</b> <p><b>S</b> = External yoke with 1/2" NPT nipple, wet location outlet box and cover finished to match luminaire<br/><b>X</b> = External yoke for use with required cantilever or slipfitter ordered and priced separately, see hangers at right</p> </div> <div> <b>5</b> <b>FINISH</b> <p>* non-cancellable/non-returnable</p> <table border="1"> <tbody> <tr> <td><b>02</b> = Semigloss White</td> <td><b>13</b> = Matte Black*</td> <td><b>22</b> = Matte White*</td> </tr> <tr> <td><b>06</b> = Dark Bronze*</td> <td><b>15</b> = Metallic*</td> <td><b>PL</b> = Platinum*</td> </tr> <tr> <td><b>07</b> = Silver*</td> <td><b>17</b> = Champagne*</td> <td><b>99</b> = Custom or RAL (Consult Rep.)</td> </tr> <tr> <td><b>08</b> = Semigloss Black</td> <td><b>18</b> = Copper*</td> <td></td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>02</td> <td>22*</td> <td>PL*</td> <td>07*</td> <td>15*</td> </tr> <tr> <td>08</td> <td>13*</td> <td>06*</td> <td>18*</td> <td>17*</td> </tr> </tbody> </table> </div> <div> <b>6</b> <b>VOLTAGE</b> <p><b>M</b> = 120-277V Universal voltage input<br/><b>T</b> = 347V input</p> </div> <div> <b>7</b> <b>OPTIONS</b> (see Accessories Section for specifications)           <p><b>00</b> = No options<br/><b>VO</b> = Cutoff visor<br/><b>XX</b> = For modifications not listed, include detailed description. Consult factory prior to specifications.</p> </div> <div> <b>8</b> <b>DESTINATION REQUIREMENT</b> <p><b>O</b> = CSA certified for U.S.<br/><b>J</b> = CSA certified for Canada</p> </div> <div> <b>9</b> <b>COLOR TEMPERATURE / CRI</b> <p><b>927</b> = 2700K, 90+ CRI<br/><b>930</b> = 3000K, 90+ CRI<br/><b>935</b> = 3500K, 90+ CRI<br/><b>940</b> = 4000K, 90+ CRI</p> <p><b>D2W</b> = Dim-to-Warm 2200K-3000K, 90+ CRI, other CCTs available<br/><b>TWH</b> = Tunable White; 2700K-6500K, 90+ CRI<br/><b>RGB</b> = Color Tunable; RGBW with 3500K, 90+ CRI white</p> <p><b>NOTE:</b> Additional CCT and CRI options are available; consult factory.</p> <div>  Static<br/>  Dim 2 Warm<br/>  Tunable<br/>  RGBW           </div> </div> <div> <b>10</b> <b>DIMMING</b> <p><b>00</b> = Non-dimming<br/><b>ZX</b> = 0-10V analog dimming 120-277V or 347V input, dimming 100%-1%, 0-10V controls by others<br/><b>TD</b> = ERP forward or reverse phase 120V only, dimming 100%-6%, 120V phase controls by others<br/><b>EL</b> = 0-10V eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, 0-10V controls by others<br/><b>ED</b> = DALI eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, DALI controls by others<br/><b>DZ</b> = D2W or TWH 2-Channel driver for use with 0-10V controls by others<br/><b>DD</b> = D2W or TWH 2-Channel DALI driver (DALI controls by others)<br/><b>DA</b> = RGBW 4-Channel DMX module (DMX controls by others)<br/><b>DM</b> = RGBW 4-Channel eldoLED LINEARdrive (DMX controls by others)</p> </div> </div> |                          |  |             |     |   |   |   |   |   |    |                | ORDER CODE | LENGTH | LUMENS | INPUT WATTS | H-12 | 12 | 5585 | 51 | H-18 | 18" | 11170 | 102 | H-24 | 24" | 16756 | 153 | <b>02</b> = Semigloss White | <b>13</b> = Matte Black* | <b>22</b> = Matte White* | <b>06</b> = Dark Bronze* | <b>15</b> = Metallic* | <b>PL</b> = Platinum* | <b>07</b> = Silver* | <b>17</b> = Champagne* | <b>99</b> = Custom or RAL (Consult Rep.) | <b>08</b> = Semigloss Black | <b>18</b> = Copper* |  | 02 | 22* | PL* | 07* | 15* | 08 | 13* | 06* | 18* | 17* |
| ORDER CODE  | LENGTH                   | LUMENS                                   | INPUT WATTS |     |   |   |   |   |   |    |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
| H-12  | 12                       | 5585                                     | 51          |     |   |   |   |   |   |    |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
| H-18  | 18"                      | 11170                                    | 102         |     |   |   |   |   |   |    |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
| H-24  | 24"                      | 16756                                    | 153         |     |   |   |   |   |   |    |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
| <b>02</b> = Semigloss White   | <b>13</b> = Matte Black* | <b>22</b> = Matte White*                 |             |     |   |   |   |   |   |    |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
| <b>06</b> = Dark Bronze*  | <b>15</b> = Metallic*    | <b>PL</b> = Platinum*                    |             |     |   |   |   |   |   |    |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
| <b>07</b> = Silver*   | <b>17</b> = Champagne*   | <b>99</b> = Custom or RAL (Consult Rep.) |             |     |   |   |   |   |   |    |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
| <b>08</b> = Semigloss Black   | <b>18</b> = Copper*      |  |             |     |   |   |   |   |   |    |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
| 02  | 22*                      | PL*                                      | 07*         | 15* |   |   |   |   |   |    |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |
| 08  | 13*                      | 06*                                      | 18*         | 17* |   |   |   |   |   |    |                |            |        |        |             |      |    |      |    |      |     |       |     |      |     |       |     |                             |                          |                          |                          |                       |                       |                     |                        |  |                             |                     |  |    |     |     |     |     |    |     |     |     |     |

## Lighting the Vertical Large outdoor, integral driver

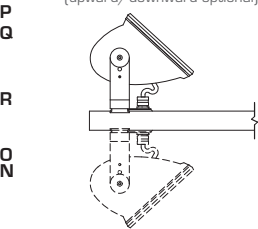
### S Mount



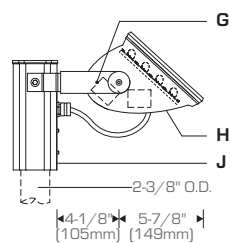
### Cantilever: Lighting Downward: (for use with Y mount)



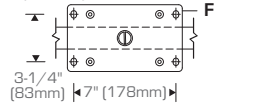
### Lighting Upward (upward/downward optional)



### Side-Mount Slipfitter (for use with Y mount)



### Mounting Plate (T mount)



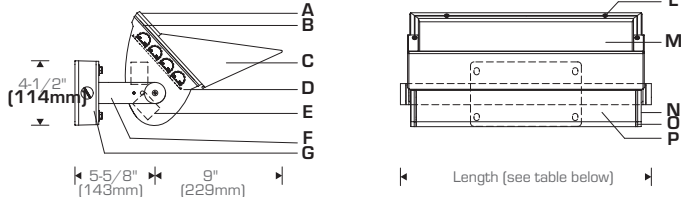
| # of LEDs | Length            |
|-----------|-------------------|
| 112       | 12-1/16" (306mm)  |
| 224       | 17-13/16" (452mm) |
| 336       | 24-7/8" (632mm)   |

- B** Mitred extruded aluminum door frame
- C** Precured silicone door and lens gasket
- D** Field serviceable light engine with asymmetric optic
- E** Integral driver
- F** Aluminum yoke
- G** Surface splice box
- H** Locking set screw
- I** Specular extruded aluminum housing
- K** Extruded aluminum slipfitter
- L** Tamper-resistant captive door screws
- M** Micro-prismatic impact resistant tempered glass lens
- N** Aluminum reveal plate (black)
- O** Die-cast aluminum end plates
- P** 1/2" NPT nipple
- Q** 1-1/2" aluminum arm setback (for use with X mount unit)
- R** Welded aluminum mounting plate with splice access cover
- S** Outlet box (by others)

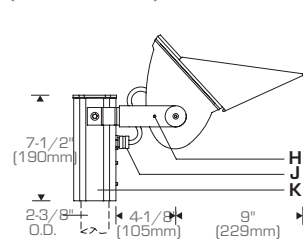
## Uplighting

## Large outdoor, integral driver

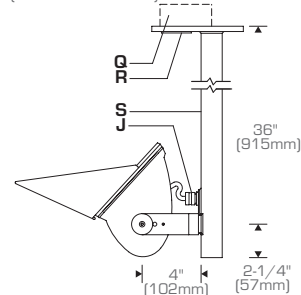
### S Mount



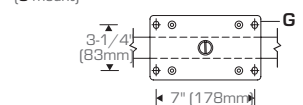
### Side-Mount Slipfitter (for use with X mount)



### Cantilever (for use with X mount)



### Mounting Plate (S mount)

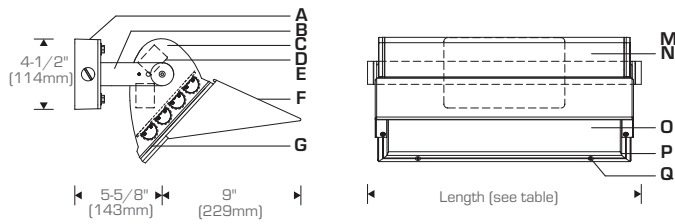


| # of LEDs | Length            |
|-----------|-------------------|
| 112       | 12-1/16" (306mm)  |
| 224       | 17-13/16" (452mm) |
| 336       | 24-7/8" (632mm)   |

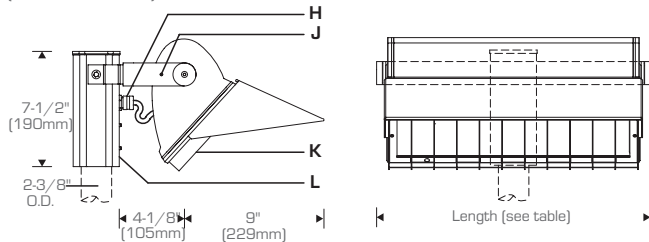
- A** Mitred extruded aluminum door frame
- B** Precured silicone door and lens gasket
- C** Cutoff visor
- D** Field serviceable light engine with asymmetric optic
- E** Integral driver
- F** Aluminum yoke
- G** Surface splice box
- H** Locking set screw
- J** 1/2" NPT nipple
- K** Accessory extruded aluminum slipfitter
- L** Tamper-resistant captive door screws
- M** Micro-prismatic impact resistant tempered glass lens
- N** Die-cast aluminum end plates
- O** Aluminum reveal plate (black)
- P** Specular extruded aluminum housing
- Q** Outlet box (by others)
- R** Welded Aluminum mounting plate with splice access cover
- S** 1-1/2" Aluminum Arm

## Lighting the Ground Large outdoor, integral driver

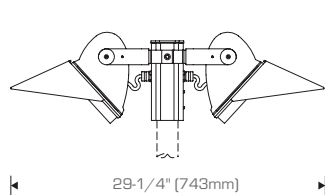
### S Mount



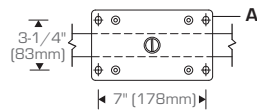
### Side-Mount Slipfitter (for use with X mount)



### Slipfitter: Double Unit (for use with X mount)



### Mounting Plate (S mount)



| # of LEDs | Length            |
|-----------|-------------------|
| 112       | 12-1/16" (306mm)  |
| 224       | 17-13/16" (452mm) |
| 336       | 24-7/8" (632mm)   |

- A** Surface splice box
- B** Aluminum yoke
- C** Die-cast aluminum end plates
- D** Integral driver
- E** Field serviceable light engine with asymmetric optic
- F** Cutoff visor
- G** Precured silicone door and lens gasket
- H** 1/2" NPT nipple
- J** Locking set screw
- K** Accessory vertical blade cross baffle (black)
- L** Required (X mount) extruded aluminum slipfitter
- M** Aluminum reveal plate (black)
- N** Specular extruded aluminum housing
- O** Micro-prismatic impact resistant tempered glass lens
- P** Mitred extruded aluminum door frame
- Q** Tamper-resistant captive door screws

## Specifications

### Optic Assembly:

Two-piece extruded aluminum heat sink housing and light engine. Exterior heat sink anodized for maximum emissivity. Precision extruded polymer refractive lens with optimized asymmetric distribution. Light engine may be removed for service or upgrade. Clear Tempered micro-prismatic glass lens. Stainless steel hardware.

### Finish:

Exterior surfaces – 6 stage pretreatment and electrostatically applied thermoset polyester powder coating for a durable abrasion, fade and corrosion resistant finish. Choice of semigloss colors (see ordering information). Extruded aluminum heat sink/housing plus yoke, door frame and decorative end plates are finished in color. All hardware and components – non-corrosive stainless steel or aluminum.

### Mounting (Lighting the Vertical & Ground):

**S** mount provided with 1/2" NPT nipple, wet location outlet box and cover finished to match the luminaire.

**X** mount for use with required aluminum cantilever or slipfitter — ordered and priced separately, see SV3.1. Top or side mount slipfitter for 2-3/8" O.D. stanchion, pole (by others).

Fixture weights: 12" fixture 12.4 lb (5.6 kg); 17" fixture 16.2 lb (7.3 kg); 24" fixture 24.0 lb (10.9 kg).

### Mounting (Uplighting):

**S** mount provided with 1/2" NPT nipple, wet location outlet box and cover finished to match the luminaire. **V** mount provided with 1/2" NPT nipple only.

**X** mount for use with required aluminum cantilever or slipfitter, ordered and priced separately. Top or side mount slipfitter for 2-3/8" O.D. stanchion, pole (by others).

Fixture weight: 4.5 lb (2.0 kg).

### Electrical:

Use 90°C wire for supply connections. Integral electronic HPF constant current driver. For complete driver specifications, see website, reference document [MA-1303](#).

### Standard:

CSA certified to UL1598, UL8750, CSA C22.2 for wet locations. 5 year warranty, maximum ambient temperature 45°C (113°F).

## Controls

LiQ luminaires are compatible with a wide variety of wired and wireless controls and sensors. See [Controls Information](#).

**AWB-TP-DMX-0** = RGBW LED dimmer switch fits in a standard wall switch box and provides on/off control as well as fixed levels of dimmability. The dimmer switch has a color-selection wheel for thousands of color options, 10 dynamic color-changing/single color modes, 0-100% dimming, on/off controls, and 4 color-specific channel controls for red, green, blue, and white.

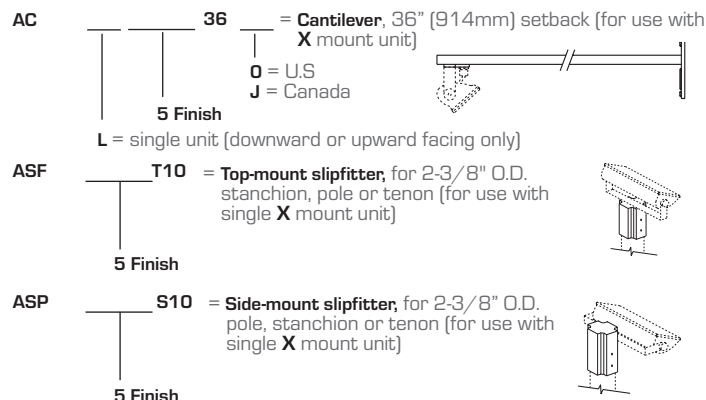
Additional wired and wireless controls available, see [Driver and Controls Information](#).



## Required Mounting Hangers

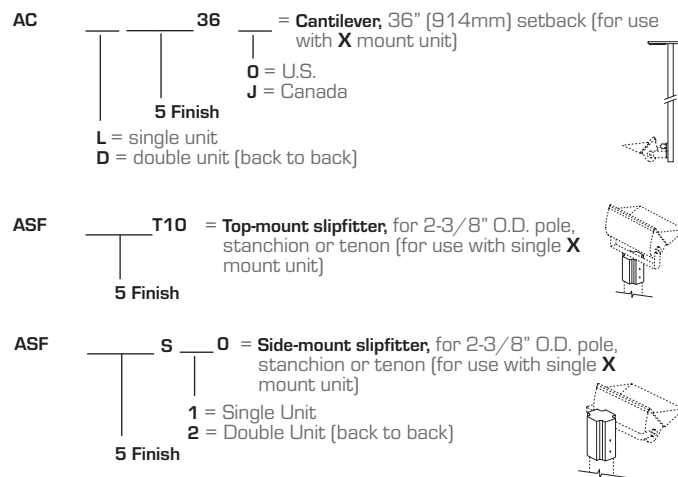
### Lighting the Vertical

Required **ACL** or **ASF** mounting hangers for **X** mount cantilever or slipfitter fixtures are ordered and priced separately. See installation sheets on website.



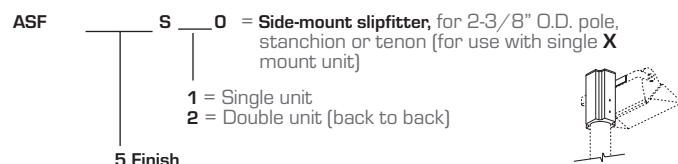
### Uplighting

Required **ACL**, **ACU** or **ASF** mounting hangers for **X** mount cantilever or slipfitter fixtures are ordered and priced separately. See installation sheets on website.



### Lighting the Ground

Required **ACL**, **ACU** or **ASF** mounting hangers for **X** mount cantilever or slipfitter fixtures are ordered and priced separately. See installation sheets on website.



### Accessories

Order separately. See Accessories Section for specifications.

