**SPECIFICATION SHEETS TABLE OF CONTENTS**

- Windows and Glazing
- Louvered Mechanical Equipment Screening
- Cementitious Siding
- Exterior Light Fixtures
- Rooftop Mechanical Equipment
- Greenhouse
- Bollards
- Outdoor Benches
- Bicycle Racks
- Bicycle Canopies
Design + Performance
Versatility with Unmatched Fabrication Flexibility

Trifab® VersaGlaze® is built on the proven and successful Trifab® platform – with all the versatility its name implies. There are enough framing system choices, fabrication methods, design options and performance levels to please the most discerning building owner, architect and installer. The 4.5” depth Trifab® VersaGlaze® Framing System family is available with non-thermal, thermal and ultra-thermal performance levels. The ultra-thermal Trifab® 451UT Framing System, is designed for the most demanding thermal performance and employs a dual Isolock® thermal break.

AESTHETICS
Trifab® VersaGlaze® Framing Systems offer designers a choice of front-, center-, back- or multi-plane glass applications. Structural silicone glazing (SSG) and weatherseal glazing options further expand designers’ choices, allowing for a greater range of possibilities for specific project requirements and architectural styles. All systems have a 4-1/2" frame depth; Trifab® VersaGlaze® 450 has 1-3/4" sightlines, while Trifab® VersaGlaze® 451/451T and Trifab® 451UT have 2" sightlines.

With seamless incorporation of Kawneer entrances or windows, including GLASSvent® visually frameless ventilators, Trifab® framing can be used on almost any project. These framing systems can also be packaged with Kawneer curtain walls and overhead glazing, thereby providing a full range of proven, and tested, quality products for the owner, architect and installer from a single-source supplier.

Geisinger Professional Building
Jenkins Township, Pennsylvania
ARCHITECT
Mericle Commercial Real Estate Services
Wilkes-Barre, Pennsylvania
GLAZING CONTRACTOR
Sterling Glass, Inc., Scranton, Pennsylvania
PHOTOGRAPHER
© Perzel Photography Group
The YES 45 TU is a thermally broken, center set, flush glazed storefront system for insulating glass. The system is thermally broken by means of a poured and debridged pocket that employs a patented process, ThermaBond Plus®, to greatly improve adhesion of the polyurethane to the extruded aluminum. Combining science and technology, ThermaBond Plus® resolves the problem of adhesion and the resultant dry shrinkage associated with typical poured and debrided systems.

**Product Options & Features**
- Excellent thermal performance utilizing standard 1” insulating glass
- Patented ThermaBond Plus® thermal break
- High Performance Sill Flashing
  - No Blind Seals
  - Tall back leg for enhanced water resistance
  - Patented 3-point attachment of end dam
- Assembled with either our Screw Spline or Shear Block Technology
- Integrates with our Model 20D/35D/50D Doors
V2KSD - 2" DEEP 45 DEGREE STORM K BLADE
EXTRUDED ALUMINUM LOUVERED EQUIPMENT SCREEN

SECTION VIEW

ELEVATION VIEW
CLEAT PANEL SHOWN

LOOP SWING

VERTICAL HINGED MULTIPLE PANELS

OUTSIDE CORNER

ARCHITECTURAL LOUVERS

PROJECT
ARCHITECT
CONTRACTOR

266 W. Mitchell Ave. • Cincinnati, OH 45232
Ph: (888) 568-6371    Fax: (888) 568-8170
V2KSD - 4" DEEP 45 DEGREE STANDARD J BLADE EXTRUDED ALUMINUM LOUVERED EQUIPMENT SCREEN

Architectural Louvers
266 W Mitchell Ave - Cincinnati, OH 45232
Ph: (888) 568 8371  Fax: (888) 568 8370

Project Contractor
ARCHITECT

ARCHITECTURAL LOUVERS

07 SPECIFICATION SHEETS
Rainscreen Cladding

Preventing thermal bridges
As the insulating material is on the outside of the structural wall, it can easily be mounted without interruptions caused by floor slabs. In this way, any thermal bridges that occur at each floor slab can be prevented. These thermal bridges are also the cause of surface condensation that may result in fungus growth.

Dissipating heat from the sun
The ventilated rainscreen cladding system has a cooling effect when temperatures outside are high. Most of the sun's rays are reflected away from the building. Heat passing through the exterior wall panel is partially dissipated by the ventilating effect of the space between the exterior cladding panel and the structural wall. Any residual heat managing to penetrate buildings is very minor.

Rainscreen
Architectural wall-cladding panels act as a rainscreen on the outside of the building and keep the structural wall absolutely dry. The air space connected to the outside air evacuates water and humidity that might have penetrated behind the wall-cladding panels through its horizontal or vertical joints. This water will never reach the load bearing wall and/or the thermal insulation.

Protecting the basic structure and load-bearing wall against temperature variations
In view of the fact that the insulation material is applied to the outside of the building, changes in temperature are very minor compared with those found in conventional constructions where insulation is applied on the interior. This principle works in summer and winter in both hot and cold climates.

Prevention of internal condensation
Insulation material can be applied to the outside of the structural wall because it is protected effectively by the architectural exterior wall panel. Because of differences in vapor pressure and temperature passing through the wall, condensation has been shown to occur close to the ventilated area and not in the structural wall itself. As a result, the ventilating effect is easily sufficient to dry out the thermal insulating material.
Minerit **HD** (Raw)

Minerit HD is an uncoated fiber cement board that allows the authentic appearance of the fiber cement to stand out. In application, Minerit HD is a building board that can be installed for certain cladding purposes outlined below when a natural expression is desired. Minerit HD is an unpigmented material, and variations may occur in the individual boards and from board to board, adding a lively expression to your façade.

When using Minerit HD for cladding in a rainscreen system, the panels must be sealed, typically on all sides. They can be painted on-site with acrylic paint systems or transparent stains suitable for cement-based materials (specific instructions for painting / staining are available). After surface treatment, the board is virtually maintenance free. In industrial applications where the surface appearance of the board is of less importance, the panels do not need to be sealed but efflorescence will likely occur over time depending on the type of exposure and climate conditions.

### Technical Properties & Dimensions

#### Cover, Patina, Transparent & Solid

<table>
<thead>
<tr>
<th>Thickness</th>
<th>U.S. Trimmed sizes in. (mm)</th>
<th>Weight (lbs/ft²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8mm Patina</td>
<td>48 (1,220)</td>
<td>2.5</td>
</tr>
<tr>
<td>Cover, Transparent &amp; Solid</td>
<td>96 (2,440)</td>
<td>2.9</td>
</tr>
</tbody>
</table>

#### Minerit HD

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Trimmed sizes — in. nominal (mm)</th>
<th>Weight (lbs/ft²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4mm, 6mm or 8mm</td>
<td>48 (1,220)</td>
<td>1.6</td>
</tr>
<tr>
<td>10mm</td>
<td>48 (1,220)</td>
<td>2.3</td>
</tr>
<tr>
<td>4mm, 6mm, 8mm, 10mm</td>
<td>96 (2,440)</td>
<td>3.1, 3.9</td>
</tr>
</tbody>
</table>

The recommended thickness for Minerit HD in a rainscreen application is 8mm. Physical properties and dimensions are subject to nominal manufacturing tolerances.

**Color Charts:** The color charts give an impression of the available colors. Reproduction of the exact color is restricted by the printing process. For an exact color match, samples are available upon request.
Cembrit **Patina**

Cembrit Patina has a natural, textured surface. You can see the fiber and natural characteristics of the raw materials, and you can see and feel the sanding lines on the surface. As the seasons change and the years pass, the natural aging of the fiber cement leaves subtle traces on the surface, and the façade will gradually acquire a distinctive patina. (Also available in Rough and Inline.)

- **Grays**
  - P 020 Granite
  - P 050 Graphite
  - P 070 Flint

- **Whites**
  - P 222 Pearl

- **Reds**
  - P 313 Tufa
  - P 323 Magma
  - P 333 Adobe
  - P 343 Ruby

- **Yellows**
  - P 545 Sand
  - P 565 Amber

- **Greens**
  - P 626 Emerald
Cembrit **Patina Rough**

Patina Rough (pictured at left) has a tough textured surface and stone-like finish which adds character to any building. When combined with other products from the Patina design line, they create an interesting interplay. This material has an eroded, natural looking surface. It's virtually maintenance-free and is available in two timeless colors.

Cembrit **Patina Inline**

Patina Inline reflects strength and durability. Its milled linear grooves add a 3D effect to a building and make it possible to create custom squares or triangular patterns. When viewed in natural light, its featured lines offer a vibrant look that changes throughout the day. Over time, this material will patinate, enriching its natural look. This material is virtually maintenance-free and is available in three timeless colors.
Cembrit **Solid**

Cembrit Solid boards are the same color all the way through. Each core color is matched with a full-coverage painted surface in vibrant yet resilient colors. If you choose Cembrit Solid boards to provide a façade with a particular color, every board will feature that color on every surface and edge, and with the same color on the edges of any cut-outs or drilled holes. (Custom colors available, as pictured at left.)
Cembrit Cover

Cembrit Cover is the ideal solution if you prefer the strongest colors and bolder design statements. The natural gray fiber-cement core is completely covered by a layer of water-based acrylic paint, with 26 standard Colors and more than 2,000 NCS® colors to choose from. (Custom colors available.)
Cembrit **Transparent**

Cembrit Transparent façade boards combine the textured nuances and natural characteristics of the base board with a long-lasting performance of the transparent top coat. The color added to the fiber cement reveals and highlights the fibers and other raw materials that provide its strength and character. The extremely durable transparent coating then protects the board and ensures a smooth surface with a long service life.
Panels

Fiber Cement — Distinct Properties

Sound and Weather Resistant — Cembrit fiber cement boards deliver optimal sound and weather insulation. Noise as well as changing weather conditions such as freeze/thaw, heat and water pose no threat to fiber cement façades. The boards retain their shape at all times.

Low Maintenance — The ability of the boards to resist mold and algae attacks is equally impressive. The result is a long-lived façade that saves you time and effort on inconvenient and costly repairs and repaints.

Non-combustible — The boards are non-combustible, which is your guarantee for a safe building.

Easy Handling — Cembrit fiber cement boards are flexible and easy to handle. They can be delivered cut to size, ready for installation. All this makes for lower construction costs, shorter construction times, and lower installed costs.

Fiber Cement — A Unique Composition

Natural Ingredients — With the strong composition of cement, mineral fillers, cellulose and non-toxic, organic fibers — and not to forget a dash of water — Cembrit fiber cement boards are made up of purely natural and environmentally friendly raw materials. This makes for sustainable and fully reusable boards.

Strong Recipe — The secret behind the impressive strength and durability of Cembrit fiber cement boards resides in the manufacturing technology. Thin layers of fiber cement are added on top of each other, pressed firmly together under tremendous pressure before completing a slow air curing process. Reinforced by carefully selected fibers, the many thin layers give the fiber cement cladding a strength with few peers in the world of building materials.

Green Footprints — A comprehensive analysis of the environmental impact of the Cembrit boards can be made from Cembrit’s EPDs in accordance with EN 15804 on the Sustainability of Construction Works. The EPDs provide a Life-Cycle Assessment, manufacturing process details, and information on the use of any dangerous materials. These EPDs are available online.

Product Sustainability

AFC Cladding is committed to providing the highest quality high density compressed fiber cement panels to the U.S. building markets. In order to do this, we feel it necessary to provide not only high quality products, but sustainable products that can contribute to green (LEED) building projects, which in turn benefit the environment we all live in.

AFC Cladding products currently have a potential contribution to various LEED credits including but not limited to:

Direct Contribution

Materials and Resources:

- BPDO – Environmental Product Declarations

Indirect Contribution

Indoor Environmental Quality:

- Thermal Comfort

Energy and Atmosphere:

- Optimize Energy Performance

One of the most important sustainable attributes is the durability of AFC Cladding panels. With their long lifespan, virtually requiring no refurbishment, AFC Cladding panels can contribute to less replacement of materials and to drastically lower maintenance costs over the useful life of the building.

The Ventilated and Insulated Rainscreen Cladding (VIRSC) system, which is used to affix AFC Cladding panels to the exterior of a structure, offers many benefits and green attributes to the performance of the building envelope. Durability and resistance to moisture and mold build-up are noteworthy benefits. Equally important is its ability to accommodate external insulation.

In addition, AFC Cladding is dedicated to further research and analysis of our products to achieve additional LEED credits, and help further the cause of building sustainable and efficient buildings.

Warranty information available upon request.
### Description

Recessed wall steplight series. Fixtures consist of:

- Multi-step powder-coat painting process, optimized against UV rays and corrosion.
- Copper-free precision die-cast aluminum housing and ring/faceplate.
- Frosted, flat, tempered silk-screened soda-lime glass diffuser.
- Custom molded, anti-aging gasket(s).
- Stainless steel external hardware.
- Custom MCPCB utilized to maximize heat dissipation and promote a long LED life.
- IESNA Type III light distribution.
- Input voltage: 120-277 V (50 / 60 Hz), integral driver.
- Pre-wired factory sealed cable for external electrical connection included.
- Stainless steel recessed rough-in kit to be ordered separately.
- Consult factory for dimming options, custom finishes (please specify RAL color), and non-cataloged CCT (Kelvin) options including static colors.
- Consult factory for custom pre-wired factory sealed cable length options.
- Product meets Buy American Act requirements within ARRA.
- 5-year warranty.

### Photometric data

<table>
<thead>
<tr>
<th>Luminaire lumen output</th>
<th>503 lm</th>
</tr>
</thead>
<tbody>
<tr>
<td>L:</td>
<td>L80</td>
</tr>
<tr>
<td>B:</td>
<td>B10</td>
</tr>
<tr>
<td>Lifetime</td>
<td>60000 h</td>
</tr>
<tr>
<td>cULus:</td>
<td>✓</td>
</tr>
<tr>
<td>Voltage</td>
<td>120-277 V</td>
</tr>
</tbody>
</table>

### Technical drawings

---

**Part number**

<table>
<thead>
<tr>
<th>Part number</th>
<th>071405</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lampholder</td>
<td>LED</td>
</tr>
<tr>
<td>Wattage</td>
<td>11 W</td>
</tr>
<tr>
<td>Finish</td>
<td>GR-94 / Aluminum metallic / Textured</td>
</tr>
<tr>
<td>Degree of protection</td>
<td>IP65</td>
</tr>
<tr>
<td>CRI</td>
<td>80</td>
</tr>
<tr>
<td>Kelvin</td>
<td>3000</td>
</tr>
<tr>
<td>Optic</td>
<td>Asymmetric wide reflector</td>
</tr>
<tr>
<td>Luminaire lumen output</td>
<td>503 lm</td>
</tr>
<tr>
<td>L:</td>
<td>L80</td>
</tr>
<tr>
<td>B:</td>
<td>B10</td>
</tr>
<tr>
<td>Lifetime</td>
<td>60000 h</td>
</tr>
<tr>
<td>cULus:</td>
<td>✓</td>
</tr>
<tr>
<td>Voltage:</td>
<td>120-277 V</td>
</tr>
</tbody>
</table>
REQUIRED FOR INSTALLATION

INSERT+ 2

310486
Rough-In kit Insert+ 2
### Ouray 500

**Order Code:** U5

<table>
<thead>
<tr>
<th>Pole Order Code:</th>
<th>Series</th>
<th>Height</th>
<th>Finish</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>U5</td>
<td>U5</td>
<td>U5</td>
<td>U5</td>
<td>U5</td>
</tr>
</tbody>
</table>

**Optics**

<table>
<thead>
<tr>
<th>Type</th>
<th>R1</th>
<th>R2</th>
<th>R3</th>
<th>R3W</th>
<th>R4</th>
<th>R5R</th>
<th>R5S</th>
<th>R5Q</th>
<th>PP</th>
<th>Plane Projector</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>R1</td>
<td>R2</td>
<td>R3</td>
<td>R3W</td>
<td>R4</td>
<td>R5R</td>
<td>R5S</td>
<td>R5Q</td>
<td>PP</td>
<td>Plane Projector</td>
</tr>
<tr>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>PP</td>
<td>Plane Projector</td>
</tr>
<tr>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>PP</td>
<td>Plane Projector</td>
</tr>
<tr>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>R1</td>
<td>PP</td>
<td>Plane Projector</td>
</tr>
</tbody>
</table>

**Fixed Mounting**

<table>
<thead>
<tr>
<th>S</th>
<th>60mm Slip Fitter</th>
<th>E</th>
<th>Single Pole Adaptor</th>
<th>S1</th>
<th>Single Short Arm</th>
<th>S2</th>
<th>Double Short Arm</th>
<th>L1</th>
<th>Single Long Arm</th>
<th>L2</th>
<th>Double Long Arm</th>
<th>W</th>
<th>Wall Mount</th>
<th>WD</th>
<th>Decorative Wall Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>60mm Slip Fitter</td>
<td>E</td>
<td>Single Pole Adaptor</td>
<td>S1</td>
<td>Single Short Arm</td>
<td>S2</td>
<td>Double Short Arm</td>
<td>L1</td>
<td>Single Long Arm</td>
<td>L2</td>
<td>Double Long Arm</td>
<td>W</td>
<td>Wall Mount</td>
<td>WD</td>
<td>Decorative Wall Box</td>
</tr>
<tr>
<td>S</td>
<td>60mm Slip Fitter</td>
<td>E</td>
<td>Single Pole Adaptor</td>
<td>S1</td>
<td>Single Short Arm</td>
<td>S2</td>
<td>Double Short Arm</td>
<td>L1</td>
<td>Single Long Arm</td>
<td>L2</td>
<td>Double Long Arm</td>
<td>W</td>
<td>Wall Mount</td>
<td>WD</td>
<td>Decorative Wall Box</td>
</tr>
<tr>
<td>S</td>
<td>60mm Slip Fitter</td>
<td>E</td>
<td>Single Pole Adaptor</td>
<td>S1</td>
<td>Single Short Arm</td>
<td>S2</td>
<td>Double Short Arm</td>
<td>L1</td>
<td>Single Long Arm</td>
<td>L2</td>
<td>Double Long Arm</td>
<td>W</td>
<td>Wall Mount</td>
<td>WD</td>
<td>Decorative Wall Box</td>
</tr>
</tbody>
</table>

**Adjustable Mounting**

| AT | Adjustable Tilt | AS | Adjustable Swivel | XX | None | *May be combined with adjustable mounting |
| AT | Adjustable Tilt | AS | Adjustable Swivel | XX | None | *May be combined with adjustable mounting |
| AT | Adjustable Tilt | AS | Adjustable Swivel | XX | None | *May be combined with adjustable mounting |
| AT | Adjustable Tilt | AS | Adjustable Swivel | XX | None | *May be combined with adjustable mounting |

**Light Engine**

<table>
<thead>
<tr>
<th>Series</th>
<th>Height</th>
<th>Finish</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>5G350</td>
<td>64W/7,100lm</td>
<td>WH</td>
<td>* Add length of arm and height of pole to determine power cord length</td>
</tr>
</tbody>
</table>

**CCT**

<table>
<thead>
<tr>
<th>2700K</th>
<th>3000K</th>
<th>4000K</th>
<th>5000K</th>
<th>6000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>2700K</td>
<td>3000K</td>
<td>4000K</td>
<td>5000K</td>
<td>6000K</td>
</tr>
<tr>
<td>2700K</td>
<td>3000K</td>
<td>4000K</td>
<td>5000K</td>
<td>6000K</td>
</tr>
<tr>
<td>2700K</td>
<td>3000K</td>
<td>4000K</td>
<td>5000K</td>
<td>6000K</td>
</tr>
</tbody>
</table>

**Power Cord Length**

<table>
<thead>
<tr>
<th>8'</th>
<th>10'</th>
<th>12'</th>
<th>14'</th>
<th>16'</th>
<th>18'</th>
<th>XX</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'</td>
<td>10'</td>
<td>12'</td>
<td>14'</td>
<td>16'</td>
<td>18'</td>
<td>XX</td>
</tr>
<tr>
<td>8'</td>
<td>10'</td>
<td>12'</td>
<td>14'</td>
<td>16'</td>
<td>18'</td>
<td>XX</td>
</tr>
<tr>
<td>8'</td>
<td>10'</td>
<td>12'</td>
<td>14'</td>
<td>16'</td>
<td>18'</td>
<td>XX</td>
</tr>
</tbody>
</table>

**Finish**

<table>
<thead>
<tr>
<th>Series</th>
<th>Height</th>
<th>Finish</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>WH</td>
<td>White</td>
<td>WH</td>
<td>WH</td>
</tr>
<tr>
<td>BK</td>
<td>Black</td>
<td>BK</td>
<td>BK</td>
</tr>
<tr>
<td>BL</td>
<td>Semi-Matte Black</td>
<td>BL</td>
<td>BL</td>
</tr>
<tr>
<td>BZ</td>
<td>Bronze</td>
<td>BZ</td>
<td>BZ</td>
</tr>
<tr>
<td>SV</td>
<td>Silver</td>
<td>SV</td>
<td>SV</td>
</tr>
<tr>
<td>SP</td>
<td>Specify Premium Color</td>
<td>SP</td>
<td>SP</td>
</tr>
</tbody>
</table>

**Voltage**

<table>
<thead>
<tr>
<th>Series</th>
<th>Height</th>
<th>Finish</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNV</td>
<td>120-277</td>
<td>UNV</td>
<td>UNV</td>
</tr>
<tr>
<td>120V</td>
<td>240V</td>
<td>277V</td>
<td>347V</td>
</tr>
<tr>
<td>120V</td>
<td>240V</td>
<td>277V</td>
<td>347V</td>
</tr>
<tr>
<td>120V</td>
<td>240V</td>
<td>277V</td>
<td>347V</td>
</tr>
</tbody>
</table>

**Options**

<table>
<thead>
<tr>
<th>Series</th>
<th>Height</th>
<th>Finish</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM</td>
<td>Dimming (0-30°)</td>
<td>DM</td>
<td>DM</td>
</tr>
<tr>
<td>HS</td>
<td>House Side Shield (IDS)</td>
<td>HS</td>
<td>HS</td>
</tr>
<tr>
<td>HL30</td>
<td>Hi-Lo Switching Low Output</td>
<td>HL30</td>
<td>HL30</td>
</tr>
<tr>
<td>HL50</td>
<td>Hi-Lo Switching Low Output</td>
<td>HL50</td>
<td>HL50</td>
</tr>
<tr>
<td>CO</td>
<td>Comfort Optics (Not available with PP optics)</td>
<td>CO</td>
<td>CO</td>
</tr>
<tr>
<td>TL5</td>
<td>Twist Lock Receptacle 3-Pin with Shorting Cap</td>
<td>TL5</td>
<td>TL5</td>
</tr>
</tbody>
</table>

**LED WARRANTY**

- 5 YEAR

### Light Engine Specifications

- **5G350**
  - 44W/4,931lm
- **5G530**
  - 68W/7,233lm
- **5G700**
  - 89W/9,083lm
- **5G105**
  - 136W/12,517lm
- **5G140**
  - 183W/15,307lm
- **5G205**
  - 264W/31,037lm
- **5G305**
  - 390W/45,717lm
- **5G405**
  - 525W/60,007lm

### CCT Options

- **3000K**
- **4000K**
- **5000K**
- **6000K**
- **7000K**

### Voltage Options

- **120V, 240V, or 277V only**
- **347V**
- **480V**

### Fixed Mounting Options

- **W** Wall Mount
- **WD** Decorative Wall Box

### Adjustable Mounting Options

- **AT** Adjustable Tilt
- **AS** Adjustable Swivel
- **XX** None

### Dimming Options

- **DM** Dimming (0-30°)
- **HL30** Hi-Lo Switching Low Output
- **HL50** Hi-Lo Switching Low Output
- **CO** Comfort Optics (Not available with PP optics)
- **TL5** Twist Lock Receptacle 3-Pin with Shorting Cap

### Pole Motion Sensor with optional photocell

See page 11 for order code.

### Additional Information

- * May be combined with adjustable mounting.
- ATT Mounting not IDA-approved.
- 347/480V only.
- HLLX options cannot be combined with 50/40.
- Based on R1 distributions at 3000K CCT no glass.
- 7000K and 3000K are IDA-Approved.
- For other CCT, please consult factory.
- * Add length of arm and height of pole to determine power cord length.
- Specify for HLLX option.
- 5G140 cannot be combined with 5G350.
- AT mounting not IDA approved.
- May be combined with adjustable mounting.
- Based on R1 distributions at 3000K CCT no glass.
- Add length of arm and height of pole to determine power cord length.
Specifications

1. **Fixture Housing** - Die cast low copper marine grade aluminum body and door. Optional tempered glass lens.

2. **Gasketing** - Continuous molded silicone gasket provides weatherproofing, dust and insect control at all luminaire connections.

3. **Access Door** - Die cast low-copper marine grade aluminum door. Hinges open for toolless access to LED light engine and is retained in place with fixed hinge.

4. **LED Array** - High Flux LEDs mounted to metal core PCB and attached to external heat sink for maximum LED performance and life. CCT tolerance within a 3-step bin and provided with a minimum CRI of 80. LED array has a reported lumen maintenance of 93% at 50,000 hours. L70 calculated greater than 100,000 hours. Exposed face rated to IP65.


6. **LED Driver** - LEDs are driven by RoHS compliant constant current programmable LED driver. Driver includes 0-10V dimming to 10%, meets the requirements of IP66. Driver assembly located inside the head and accessible through the hinged door.

7. **Surge Protection** - 3-Pole Surge Protection device safeguards electrical components from indirect lighting strikes and surges up to (20kA standard). RoHS compliant.

**Exterior Luminaire Finish** -
Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Semi-Matte Black (BL), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide. Hot Dip Galvanized finish (GV) on all steel parts also available.

**5 Year Limited LED Luminaire Warranty** -
Selux offers a 5 Year Limited Warranty to the original purchaser that Ouray LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LED light engine when installed and operated according to Selux instructions. Fixture suitable for ambient temperatures of 45ºC (113ºF). For details and exclusions, see “Selux Terms and Condition of Sale.”

Listings and Ratings: Tested to IESNA LM-79-08 and LM-80 test standards at 25ºC ambient temperature. Rated for wet location.

Visit selux.us for our LED End of Life recycling policy.
Ouray 500

Mounting

**S1 - Single Short Arm**
- EPA = 0.8 ft² (0.08 m²)
- Weight = 21 lbs. (10 kg)

**S2 - Double Short Arm**
- EPA = 1.3 ft² (0.13 m²)
- Weight = 40 lbs. (18 kg)

**SA - Single Pole Adaptor**
- EPA = 0.5 ft² (0.05 m²)
- Weight = 19 lbs. (9 kg)
Ouray 500

Mounting

L1 - Single Long Arm

EPA = 1 ft² (0.10m²)
Weight = 21 lbs. (10kg)

L2 - Double Long Arm

EPA = 1.8 ft² (0.157m²)
Weight = 40 lbs. (18kg)
Ouray 500

Mounting Details

S
60 mm Slip Fitter

W
Wall Mount

WD
Decorative Wall Box

Fits Ø 2 1/4" (60mm)
Ouray 500

Mounting Details

**AT**
Adjustable Tilt

- **EPA** = 0.1ft² (0.01m²)
- **Weight** = 2.5lbs. (1.1kg)
- AT/AS mounting only - Add to primary mounting values.

**AS**
Adjustable Swivel

- **EPA** = 0.1ft² (0.01m²)
- **Weight** = 2.5lbs. (1.1kg)
- AT/AS mounting only - Add to primary mounting values.

Adjustable arm located between fixture head and fixed mounting.

![Diagram showing AT and AS mounting details](image-url)
In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.us are the most recent versions and supersede all other printed or electronic versions.

**Pole Data Chart**

<table>
<thead>
<tr>
<th>Pole Series</th>
<th>Bolt Circle</th>
<th>90 mph</th>
<th>100 mph</th>
<th>110 mph</th>
<th>120 mph</th>
<th>130 mph</th>
<th>140 mph</th>
<th>150 mph</th>
<th>160 mph</th>
<th>170 mph</th>
<th>180 mph</th>
<th>Height</th>
<th>Finish</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>U-35 31/2&quot; Round Straight Aluminum Pole</td>
<td>71/2&quot;</td>
<td>4.6</td>
<td>3.5</td>
<td>2.6</td>
<td>1.8</td>
<td>1.3</td>
<td>0.9</td>
<td>0.7</td>
<td>0.6</td>
<td>-</td>
<td>-</td>
<td>12/18ft</td>
<td>WH White</td>
<td>BC3 Decorative Cast Aluminum Base Cover (AT535)</td>
</tr>
<tr>
<td>U-A40 4&quot; Round Straight Aluminum Pole</td>
<td>71/2&quot;</td>
<td>9.3</td>
<td>7.2</td>
<td>5.6</td>
<td>4.5</td>
<td>3.7</td>
<td>3.1</td>
<td>2.7</td>
<td>2.3</td>
<td>2.0</td>
<td>1.7</td>
<td>-</td>
<td>-</td>
<td>BK Black</td>
</tr>
<tr>
<td>U-AT535 5&quot; to 31/2&quot; Round Tapered Aluminum Pole</td>
<td>81/8&quot;</td>
<td>13.4</td>
<td>10.9</td>
<td>8.4</td>
<td>6.9</td>
<td>5.8</td>
<td>4.9</td>
<td>4.2</td>
<td>3.6</td>
<td>3.2</td>
<td>2.8</td>
<td>-</td>
<td>-</td>
<td>BL Semi-Matte Black</td>
</tr>
<tr>
<td>U-AT64 6&quot; to 4&quot; Round Tapered Aluminum Pole</td>
<td>91/2&quot;</td>
<td>20.3</td>
<td>16.1</td>
<td>13.1</td>
<td>10.9</td>
<td>9.2</td>
<td>7.9</td>
<td>6.8</td>
<td>5.9</td>
<td>5.2</td>
<td>4.5</td>
<td>-</td>
<td>-</td>
<td>BZ Bronze</td>
</tr>
<tr>
<td>U-AT74 7&quot; to 4&quot; Round Tapered Aluminum Pole</td>
<td>101/2&quot;</td>
<td>26.9</td>
<td>21.6</td>
<td>18.0</td>
<td>15.4</td>
<td>13.3</td>
<td>11.7</td>
<td>10.2</td>
<td>9.3</td>
<td>8.3</td>
<td>7.2</td>
<td>-</td>
<td>-</td>
<td>SV Silver</td>
</tr>
<tr>
<td>U-A40 4&quot; Round Straight Aluminum Pole</td>
<td>71/2&quot;</td>
<td>10.3</td>
<td>7.9</td>
<td>6.1</td>
<td>4.9</td>
<td>4.0</td>
<td>3.4</td>
<td>2.9</td>
<td>2.5</td>
<td>2.1</td>
<td>1.8</td>
<td>-</td>
<td>-</td>
<td>SP Specify Premium Color</td>
</tr>
<tr>
<td>U-AT535 5&quot; to 31/2&quot; Round Tapered Aluminum Pole</td>
<td>81/8&quot;</td>
<td>11.2</td>
<td>8.7</td>
<td>6.9</td>
<td>5.5</td>
<td>4.6</td>
<td>3.8</td>
<td>3.3</td>
<td>2.8</td>
<td>2.4</td>
<td>2.1</td>
<td>-</td>
<td>-</td>
<td>REC2 GFCI Receptacle with lockable in-use cover</td>
</tr>
<tr>
<td>U-AT64 6&quot; to 4&quot; Round Tapered Aluminum Pole</td>
<td>91/2&quot;</td>
<td>17.2</td>
<td>13.6</td>
<td>11.0</td>
<td>9.1</td>
<td>7.6</td>
<td>6.5</td>
<td>5.6</td>
<td>4.8</td>
<td>4.2</td>
<td>3.7</td>
<td>-</td>
<td>-</td>
<td>REC3 USB and Duplex Receptacle with weatherproof lockable in-use cover</td>
</tr>
<tr>
<td>U-A40 4&quot; Round Straight Aluminum Pole</td>
<td>71/2&quot;</td>
<td>10.3</td>
<td>7.9</td>
<td>6.1</td>
<td>4.9</td>
<td>4.0</td>
<td>3.4</td>
<td>2.9</td>
<td>2.5</td>
<td>2.1</td>
<td>1.8</td>
<td>-</td>
<td>-</td>
<td>REC4 USB and Duplex Receptacle with weatherproof lockable in-use cover</td>
</tr>
<tr>
<td>U-AT535 5&quot; to 31/2&quot; Round Tapered Aluminum Pole</td>
<td>81/8&quot;</td>
<td>9.1</td>
<td>6.9</td>
<td>5.4</td>
<td>4.3</td>
<td>3.4</td>
<td>2.9</td>
<td>2.4</td>
<td>2.0</td>
<td>1.7</td>
<td>1.5</td>
<td>-</td>
<td>-</td>
<td>MS Motion Sensor w/ Optional Photocell</td>
</tr>
<tr>
<td>U-AT64 6&quot; to 4&quot; Round Tapered Aluminum Pole</td>
<td>91/2&quot;</td>
<td>14.3</td>
<td>11.2</td>
<td>9.0</td>
<td>7.4</td>
<td>6.2</td>
<td>5.2</td>
<td>4.4</td>
<td>3.8</td>
<td>3.3</td>
<td>2.9</td>
<td>-</td>
<td>-</td>
<td>REC4 USB and Duplex Receptacle with weatherproof lockable in-use cover</td>
</tr>
<tr>
<td>U-A40 4&quot; Round Straight Aluminum Pole</td>
<td>71/2&quot;</td>
<td>6.6</td>
<td>4.8</td>
<td>3.5</td>
<td>2.6</td>
<td>2.1</td>
<td>1.7</td>
<td>1.4</td>
<td>1.1</td>
<td>0.9</td>
<td>0.7</td>
<td>-</td>
<td>-</td>
<td>MS Motion Sensor w/ Optional Photocell</td>
</tr>
<tr>
<td>U-AT535 5&quot; to 31/2&quot; Round Tapered Aluminum Pole</td>
<td>81/8&quot;</td>
<td>11.9</td>
<td>9.2</td>
<td>7.3</td>
<td>6.0</td>
<td>4.9</td>
<td>4.2</td>
<td>3.5</td>
<td>3.0</td>
<td>2.6</td>
<td>2.2</td>
<td>-</td>
<td>-</td>
<td>MS Motion Sensor w/ Optional Photocell</td>
</tr>
<tr>
<td>U-AT64 6&quot; to 4&quot; Round Tapered Aluminum Pole</td>
<td>91/2&quot;</td>
<td>17.5</td>
<td>13.8</td>
<td>11.2</td>
<td>9.2</td>
<td>7.7</td>
<td>6.5</td>
<td>5.6</td>
<td>4.8</td>
<td>4.1</td>
<td>3.5</td>
<td>-</td>
<td>-</td>
<td>MS Motion Sensor w/ Optional Photocell</td>
</tr>
<tr>
<td>U-AT74 7&quot; to 4&quot; Round Tapered Aluminum Pole</td>
<td>101/2&quot;</td>
<td>26.9</td>
<td>21.6</td>
<td>18.0</td>
<td>15.4</td>
<td>13.3</td>
<td>11.7</td>
<td>10.2</td>
<td>9.3</td>
<td>8.3</td>
<td>7.2</td>
<td>-</td>
<td>-</td>
<td>MS Motion Sensor w/ Optional Photocell</td>
</tr>
</tbody>
</table>

Allowable EPA calculated according to AASHTO 1994 and include allowance for 1/3 gust factor. See Mounting Configuration pages for fixture arm weight and EPA values.
Ouray 500

Pole Information
Refer to pole specification sheets for construction details, anchorage information and additional options.

Bolt Circle for A35 & S35
Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.

Anchor Bolt Detail for A35 & S35

![Anchor Bolt Detail for A35 & S35](image)

Note: Adequate drainage must be provided in concrete foundation.

Bolt Circle for A40
Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.

Anchor Bolt Detail for A40

![Anchor Bolt Detail for A40](image)

Note: Adequate drainage must be provided in concrete foundation.

Bolt Circle for AT535
Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.

Anchor Bolt Detail for AT535

![Anchor Bolt Detail for AT535](image)

Note: Adequate drainage must be provided in concrete foundation.
Ouray 500

Pole Information
Refer to pole specification sheets for construction details, anchorage information and additional options.

Bolt Circle for AT64
Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.

Anchor Bolt Detail for AT64

1/4” – 10 x 17”
Partially Galvanized Heavy Hex Nut
1/4” ID
Galvanized Heavy Hex Nut

3 1/2” (89mm)
Galvanized Flat Washers

9/16” (14mm)
Concrete footing designed and supplied by others

Bolt Circle for AT74
Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.

Anchor Bolt Detail for AT74

1”-8 UNC x 36”
Partially Galvanized Heavy Hex Nut
1”-8 UNC
Galvanized Heavy Hex Nut

4 1/2” (102mm)
Galvanized Flat Washers

1/2” (13mm)
Concrete footing designed and supplied by others
Ouray 500

Wiring Diagrams

Standard Wiring (120V-480V)*

- BLACK
- WHITE
- BARE
- RED
- ORANGE

Hi-Lo Switching Option (HL30/HLS0) Wiring
120/240/277V. When red is energized, light output will be at "Lo" level.

- BLACK
- WHITE
- BARE
- ORANGE

TLRP1 Wiring (120V/240V/277V)

- BLACK
- WHITE
- BARE
- RED
- ORANGE

- RED
- WHITE
- GREEN
- BLACK
- WHITE
- GREEN

CAPPED INSIDE FIXTURE

FROM FEED CORD

DRIVER(S) / LIGHT ENGINE

SURGE PROTECTOR

FROM FEED CORD

RELAY

DRIVER(S) / LIGHT ENGINE

CAPPED INSIDE FIXTURE

FROM FEED CORD

Hi-Lo Switching Option (HL30/HLS0) Wiring
120/240/277V. When red is energized, light output will be at "Lo" level.

TLR/TLRP2/TLRP3 Wiring (120V-480V)*

- RED
- WHITE
- GREEN
- BROWN
- ORANGE

*(347/480V with 5G350 has a transformer - not shown)
Ouray 500

Optional Accessories

(TLR) 7-Pin Twist Lock Receptacle with shorting cap

(TLPC) 3-Pin Twist Lock Receptacle with Photocell

Internal Motion Sensor (IMS Option)
- WattStopper FSP-211
- WattStopper FSP-L3
- FSIR-100 Remote (supplied separately)

GFCI Receptacle (REC) - 120V 15A GFCI duplex receptacle with weather-proof, self-closing, non-lockable cover; located 36" (915mm) from base of pole, inline with handhole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel. For use with 120V applications only. For use with luminaires with other than 120V rating, please consult factory for wire segregation.

GFCI Receptacle (REC2) - 120V 15A GFCI duplex receptacle with weather-proof, self-closing, padlockable in-use cover; located 36" (915mm) from base of pole, inline with handhole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel. For use with 120V applications only. For use with luminaires with other than 120V rating, please consult factory for wire segregation.

USB & Duplex Receptacle (REC3) (not shown) - 120V 15A duplex receptacle with USB combination ports. (1) type A and (1) type C high power 5 Amp, 5 Volt USB outlets. With weather-proof, self-closing cover, located 36" (915mm) from base of pole, inline with handhole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel.

Note: Must be used in conjunction with GFCI breaker by others

USB & Duplex Receptacle (REC4) (not shown) - 120V 15A duplex receptacle with USB combination ports. (1) type A and (1) type C high power 5 Amp, 5 Volt USB outlets. With weather-proof, self-closing padlockable in-use cover; located 36" (915mm) from base of pole, inline with handhole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel.

Note: Must be used in conjunction with GFCI breaker by others
Pole Motion Sensor

The Selux outdoor rated sensor incorporates Passive Infrared (PIR) technology for motion sensing and also includes a built-in photocell. Designed to mount directly through a 1/2” KO in a single gang faceplate on pole/column, the SBO utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size while preventing false tripping from the environment.

<table>
<thead>
<tr>
<th>Series</th>
<th>Optics</th>
<th>Hand Hole Orientation</th>
<th>Program</th>
<th>Color</th>
<th>Photocell Feature</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS</td>
<td>1</td>
<td>270° coverage - Single Sensor</td>
<td>00</td>
<td>WH White</td>
<td>Y Yes</td>
<td>UNV</td>
</tr>
<tr>
<td></td>
<td>00</td>
<td></td>
<td>D0 (0V=0%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>09</td>
<td></td>
<td>D1 (1V=10%)</td>
<td>BK Black</td>
<td>N No</td>
<td>347</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td></td>
<td>D3 (3V=30%)</td>
<td>BZ Bronze</td>
<td></td>
<td>480</td>
</tr>
<tr>
<td></td>
<td>27</td>
<td></td>
<td>D5 (5V=50%)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Motion sensor comes programmed at 30% dimmed level with a 5 min. delay as default. All programming required after shipping by others.

Sensor angular orientation from hand hole 0°
90° increments clockwise around pole (Type 00,09,18,27)
Ouray 500

Pole Motion Sensor

- 100% Digital PIR Detection, excellent RF Immunity
- 270° coverage pattern
- Up to 30ft mounting
- IP66 Rated for outdoor applications
- Built-in 1kV surge protection
- No minimum load requirements
- Made for LED light source
- Interchangeable hot and load wires - impossible to wire backwards
- Adjustable time delays, max/min dim levels and ramp rates
- Programming button accessible without opening sensor or removing gaskets
- No field calibration or sensitivity adjustments required
- Non-volatile setting memory
- Convenient test mode
- Suitable for Title 24 applications

Motion Sensor Wiring Diagram
Ouray 500

Photometry

R1 Optics / 43W LED / 3000K CCT
Catalog #: U5-R1-XX-5G350-30-XX-UNV
Delivered Lumens: 4931lm
Input Watts: 43W
Efficacy: 112 lm/W
CCT: 3000K
CRI (Ra): >80
Maximum candela of 2661 at 45° from vertical.
IES classification: Type II
Mounting Height: 16' (4.9 m)
BUG Rating: B1-U0-G1
Power Factor: 0.990
Total Harmonic Distortion: 10.5%

R2 Optics / 43W LED / 3000K CCT
Catalog #: U5-R2-XX-5G350-30-XX-UNV
Delivered Lumens: 4974lm
Input Watts: 43W
Efficacy: 113 lm/W
CCT: 3000K
CRI (Ra): >80
Maximum candela of 2603 at 62.5° from vertical.
IES classification: Type III
Mounting Height: 16' (4.9 m)
BUG Rating: B1-U0-G1
Power Factor: 0.990
Total Harmonic Distortion: 10.5%

R3 Optics / 43W LED / 3000K CCT
Catalog #: U5-R3-XX-5G350-30-XX-UNV
Delivered Lumens: 4882lm
Input Watts: 43W
Efficacy: 111 lm/W
CCT: 3000K
CRI (Ra): >80
Maximum candela of 3120 at 60° from vertical.
IES classification: Type III
Mounting Height: 16' (4.9 m)
BUG Rating: B1-U0-G1
Power Factor: 0.990
Total Harmonic Distortion: 10.5%
In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.us are the most recent versions and supercede all other printed or electronic versions.
In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.us are the most recent versions and supersede all other printed or electronic versions.

---

**Ouray 400**

**Order Code:**

<table>
<thead>
<tr>
<th>Pole Order Code:</th>
<th>Series</th>
<th>Height</th>
<th>Finish</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>U4</td>
<td>U4</td>
<td>Ouray 400</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Options**

- **Dimming** (0-10V)
- **House Side Shield (180°)**
- **Hi-Low Switching Low Output 50%**
- **Hi-Low Switching Low Output 50%**
- **Comfort Lighting (Not available with PP optics)**
- **Tempered Glass Lens**
- **Twist Lock Receptacle 7-Pin with Shorting Cap**
- **Pole Motion Sensor with optional photocell**

---

**Note:**

- May be combined with adjustable mounting
- May be combined with adjustable mounting
- Based on Ri distributions at 3000K CCT no glass
- Add length of arm and height of pole to determine power cord length
- Specify for HLXX option
- Type I, II, III and IV only
- DM, HLXX, TLX or IMS only. Cannot be combined
- TLR/T or 277V only
- Glass is included with CO and PP options and does not need to be specified separately
Ouray 400

Specifications

1. Fixture Housing - Die cast low copper marine grade aluminum body and door. Optional tempered glass lens.

2. Gasketing - Continuous molded silicone gasket provides weatherproofing, dust and insect control at all luminaire connections.

3. Access Door - Die cast low-copper marine grade aluminum door. Hinges open for toolless access to LED light engine and is retained in place with fixed hinge.

4. LED Array - High Flux LEDs mounted to metal core PCB and attached to external heat sink for maximum LED performance and life. CCT tolerance within a 3-step bin and provided with a minimum CRI of 80. LED array has a reported lumen maintenance of 93% at 50,000 hours. L70 calculated greater than 100,000 hours. Exposed face rated to IP65.


6. LED Driver - LEDs are driven by RoHS compliant constant current programmable LED drivers. Driver includes 0-10V dimming to 10% and meets the requirements of IP66. Driver assembly located inside the head and accessible through the hinged door.

7. Surge Protection - 3-Pole Surge Protection device safeguards electrical components from indirect lighting strikes and surges up to (20kA standard). RoHS compliant.

Exterior Luminaire Finish -
Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Semi-Matte Black (BL), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide. Hot Dip Galvanized finish (GV) on all steel parts also available.

5 Year Limited LED Luminaire Warranty -
Selux offers a 5 Year Limited Warranty to the original purchaser that Ouray LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LED light engine when installed and operated according to Selux instructions. Fixture suitable for ambient temperatures of 45ºC (113ºF). For details and exclusions, see “Selux Terms and Condition of Sale.”

Listings and Ratings: Tested to IESNA LM-79-08 and LM-80 test standards at 25ºC ambient temperature. Rated for wet location.

Visit selux.us for our LED End of Life recycling policy.
Ouray 400

Mounting

S1 - Single Short Arm

EPA = 0.7ft² (0.07m²)
Weight = 17lbs. (8kg)

S2 - Double Short Arm

EPA = 1.2ft² (0.11m²)
Weight = 31lbs. (14kg)

SA - Single Pole Adaptor

EPA = 0.4ft² (0.04m²)
Weight = 15lbs. (7kg)
Ouray 400

Mounting

L1 - Single Long Arm

EPA = 1.0ft² (0.09m²)
Weight = 17lbs. (8kg)

L2 - Double Long Arm

EPA = 1.6ft² (0.15m²)
Weight = 31lbs. (14kg)
Ouray 400

Mounting Details

S
60 mm Slip Fitter

W
Wall Mount

WD
Decorative Wall Box

In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.us are the most recent versions and supersed all other printed or electronic versions.
Ouray 400

Mounting Details

**AT**
Adjustable Tilt

- EPA = 0.1 ft² (0.01 m²)
- Weight = 2.5 lbs. (1.1 kg)

AT/AS mounting only - Add to primary mounting values.

**AS**
Adjustable Swivel

- EPA = 0.1 ft² (0.01 m²)
- Weight = 2.5 lbs. (1.1 kg)

AT/AS mounting only - Add to primary mounting values.

Adjustable arm located between fixture head and fixed mounting.

Tilt +/- 90° in 2.5° increments

Swivel +/- 90° in 2.5° increments
Ouray 400

Pole Information
Refer to pole specification sheets for construction details, anchorage information and additional options.

Optional Base Covers for Poles
Die cast aluminum.

<table>
<thead>
<tr>
<th>Pole Series</th>
<th>Bolt Circle</th>
<th>90 mph</th>
<th>100 mph</th>
<th>110 mph</th>
<th>120 mph</th>
<th>130 mph</th>
<th>140 mph</th>
<th>150 mph</th>
<th>160 mph</th>
<th>170 mph</th>
<th>180 mph</th>
<th>Height</th>
<th>Finish</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>A35 3 1/2” Round Straight Aluminum Pole</td>
<td>7 1/2”</td>
<td>8.7</td>
<td>6.8</td>
<td>5.4</td>
<td>4.3</td>
<td>3.5</td>
<td>2.9</td>
<td>2.5</td>
<td>2.1</td>
<td>1.8</td>
<td>1.6</td>
<td>8 ft</td>
<td>WH White</td>
<td>BC3 Decorative Cast Aluminum Base Cover (AT535)</td>
</tr>
<tr>
<td>A35 3 1/2” Round Straight Aluminum Pole</td>
<td>7 1/2”</td>
<td>6.4</td>
<td>4.9</td>
<td>3.8</td>
<td>2.9</td>
<td>2.2</td>
<td>1.8</td>
<td>1.5</td>
<td>1.2</td>
<td>1.0</td>
<td>0.9</td>
<td>10 ft</td>
<td>BK Black</td>
<td>BC5 Decorative Cast Aluminum Base Cover (A35 Pole Only)</td>
</tr>
<tr>
<td>A35 3 1/2” Round Straight Aluminum Pole</td>
<td>7 1/2”</td>
<td>4.8</td>
<td>3.5</td>
<td>2.6</td>
<td>1.8</td>
<td>1.3</td>
<td>0.9</td>
<td>0.7</td>
<td>0.6</td>
<td>0.4</td>
<td>0.3</td>
<td>12 ft</td>
<td>BL Semi-Matte Black</td>
<td>BC9 Decorative Cast Aluminum Base Cover (AT535)</td>
</tr>
<tr>
<td>A40 4” Round Straight Aluminum Pole</td>
<td>7 1/2”</td>
<td>9.3</td>
<td>7.2</td>
<td>5.6</td>
<td>4.5</td>
<td>3.7</td>
<td>3.1</td>
<td>2.7</td>
<td>2.3</td>
<td>2.0</td>
<td>1.7</td>
<td>14 ft</td>
<td>BZ Bronze</td>
<td>BC15 Decorative Cast Aluminum Base Cover (A40)</td>
</tr>
<tr>
<td>AT535 5” to 3.5” Round tapered Aluminum Pole</td>
<td>8 1/4”</td>
<td>15.4</td>
<td>10.5</td>
<td>8.4</td>
<td>6.9</td>
<td>5.8</td>
<td>4.9</td>
<td>4.2</td>
<td>3.6</td>
<td>3.2</td>
<td>2.8</td>
<td>16 ft</td>
<td>SV Silver</td>
<td>T35 Supplied with 3 1/2” diameter tenon, 4 1/2” high (use for A40, AT64, AT74 only)</td>
</tr>
<tr>
<td>AT64 6” to 4” Round tapered Aluminum Pole</td>
<td>9 1/2”</td>
<td>20.3</td>
<td>15.1</td>
<td>12.9</td>
<td>10.9</td>
<td>9.2</td>
<td>7.9</td>
<td>6.8</td>
<td>5.9</td>
<td>5.2</td>
<td>4.9</td>
<td>18 ft</td>
<td>SP Specify Premium Color</td>
<td>REC GFCI Receptacle with weather-proof cover</td>
</tr>
<tr>
<td>A35 3 1/2” Round Straight Aluminum Pole</td>
<td>7 1/2”</td>
<td>10.3</td>
<td>7.9</td>
<td>5.1</td>
<td>4.9</td>
<td>4.0</td>
<td>3.4</td>
<td>2.9</td>
<td>2.5</td>
<td>2.1</td>
<td>1.8</td>
<td>14 1/2 ft</td>
<td>WH White</td>
<td>REC2 GFCI Receptacle with padlockable in-use cover</td>
</tr>
<tr>
<td>A35 3 1/2” Round Straight Aluminum Pole</td>
<td>7 1/2”</td>
<td>11.2</td>
<td>8.7</td>
<td>6.9</td>
<td>5.5</td>
<td>4.6</td>
<td>3.8</td>
<td>3.3</td>
<td>2.8</td>
<td>2.4</td>
<td>2.1</td>
<td>16 ft</td>
<td>BK Black</td>
<td>REC3 USB and Duplex Receptacle with weatherproof cover</td>
</tr>
<tr>
<td>AT535 5” to 3.5” Round tapered Aluminum Pole</td>
<td>8 1/4”</td>
<td>17.2</td>
<td>13.6</td>
<td>11.0</td>
<td>9.1</td>
<td>7.6</td>
<td>6.5</td>
<td>5.6</td>
<td>4.8</td>
<td>4.2</td>
<td>3.7</td>
<td>18 ft</td>
<td>BL Semi-Matte Black</td>
<td>REC4 USB and Duplex Receptacle with weatherproof padlockable in-use cover</td>
</tr>
<tr>
<td>AT64 6” to 4” Round tapered Aluminum Pole</td>
<td>8 1/4”</td>
<td>21.1</td>
<td>16.2</td>
<td>13.6</td>
<td>11.0</td>
<td>9.1</td>
<td>7.6</td>
<td>6.5</td>
<td>5.6</td>
<td>4.8</td>
<td>4.2</td>
<td>16 1/2 ft</td>
<td>SV Silver</td>
<td>MS Motion Sensor w/ Optional Photocell</td>
</tr>
</tbody>
</table>

Allowable EPA calculated according to AASHO 1994 and include allowance for 1/3 gust factor. See Mounting Configuration pages for fixture arm weight and EPA values.
Ouray 400

Pole Information
Refer to pole specification sheets for construction details, anchorage information and additional options.

Bolt Circle for A35 & S35
Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.

Anchor Bolt Detail for A35 & S35

Bolt Circle for A40
Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.

Anchor Bolt Detail for A40

Bolt Circle for AT535
Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.

Anchor Bolt Detail for AT535

Bolt Circle for AT64
Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.

Anchor Bolt Detail for AT64
Ouray 400

Wiring Diagrams

Standard Wiring (120V-480V)*

TLRP1 Wiring (120V/240V/277V)

Hi-Lo Switching Option (HL30/HL50) Wiring
120/240/277V. When red is energized, light output will be at "Lo" level.

TLR/TLRP2/TLRP3 Wiring (120V-480V)*

IMS Wiring (120V/277V)
Ouray 400

Optional Accessories

(TLR) 7-Pin Twist Lock Receptacle with shorting cap

(TLPC) 3-Pin Twist Lock Receptacle with Photocell

GFCI Receptacle (REC) - 120V 15A GFCI duplex receptacle with weather-proof, self-closing, non-lockable cover, located 36" (915mm) from base of pole, inline with handhole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel. For use with 120V applications only. For use with luminaires with other than 120V rating, please consult factory for wire segregation.

GFCI Receptacle (REC2) - 120V 15A GFCI duplex receptacle with weather-proof, self-closing, padlockable in-use cover, located 36" (915mm) from base of pole, inline with handhole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel. For use with 120V applications only. For use with luminaires with other than 120V rating, please consult factory for wire segregation.

USB & Duplex Receptacle (REC3) (not shown) - 120V 15A duplex receptacle with USB combination ports. (1) type A and (1) type C high power 5 Amp, 5 Volt USB outlets. With weather-proof, self-closing cover; located 36" (915mm) from base of pole, inline with handhole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel. Note: Must be used in conjunction with GFCI breaker by others

USB & Duplex Receptacle (REC4) (not shown) - 120V 15A duplex receptacle with USB combination ports. (1) type A and (1) type C high power 5 Amp, 5 Volt USB outlets. With weather-proof, self-closing padlockable in-use cover; located 36" (915mm) from base of pole, inline with handhole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel. Note: Must be used in conjunction with GFCI breaker by others
Ouray 400

Pole Motion Sensor

The Selux outdoor rated sensor incorporates Passive Infrared (PIR) technology for motion sensing and also includes a built in photocell. Designed to mount directly through a 1/2” KO in a single gang faceplate on pole/column, the SBO utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size while preventing false tripping from the environment.

<table>
<thead>
<tr>
<th>Series</th>
<th>Optics</th>
<th>Hand Hole Orientation</th>
<th>Program</th>
<th>Color</th>
<th>Photocell Feature</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS</td>
<td>270° coverage - Single Sensor</td>
<td>00</td>
<td>D0 (0V=0%)</td>
<td>WH White</td>
<td>Y Yes</td>
<td>UNV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>09</td>
<td>D1 (1V=10%)</td>
<td>BK Black</td>
<td>N No</td>
<td>347</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18</td>
<td>D3 (3V=30%)</td>
<td></td>
<td></td>
<td>480</td>
</tr>
<tr>
<td></td>
<td></td>
<td>27</td>
<td>D5 (5V=50%)</td>
<td>BZ Bronze</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Motion sensor comes programmed at 30% dimmed level with a 5 min. delay as default. All programming required after shipping by others.
Ourray 400

Pole Motion Sensor

- 100% Digital PIR Detection, excellent RF Immunity
- 270° coverage pattern
- Up to 30ft mounting
- IP66 Rated for outdoor applications
- Built-in 1kV surge protection
- No minimum load requirements
- Made for LED light source
- Interchangeable hot and load wires - impossible to wire backwards
- Adjustable time delays, max/min dim levels and ramp rates
- Programming button accessible without opening sensor or removing gaskets
- No field calibration or sensitivity adjustments required
- Non-volatile setting memory
- Convenient test mode
- Suitable for Title 24 applications

Motion Sensor Wiring Diagram
Ouray 400

Photometry

R1 Optics / 19W LED / 3000K CCT
Catalog #: U4-R1-XX-XX-5G350-30-XX-UNV
Delivered Lumens: 2012lm
Input Watts: 19W
Efficacy: 107 lm/W
CCT: 3000K
CRI (Ra): >80
Maximum candela of 1057 at 55° from vertical.
IES classification: Type II
Mounting Height: 12" (3.6 m)
BUG Rating: B1-U0-G1
Power Factor: 0.977
Total Harmonic Distortion: 10.5%

R2 Optics / 19W LED / 3000K CCT
Catalog #: U4-R2-XX-XX-5G350-30-XX-UNV
Delivered Lumens: 2031lm
Input Watts: 19W
Efficacy: 108 lm/W
CCT: 3000K
CRI (Ra): >80
Maximum candela of 1593 at 57.5° from vertical.
IES classification: Type III
Mounting Height: 12" (3.6 m)
BUG Rating: B1-U0-G1
Power Factor: 0.977
Total Harmonic Distortion: 10.5%

R3 Optics / 19W LED / 3000K CCT
Catalog #: U4-R3-XX-XX-5G350-30-XX-UNV
Delivered Lumens: 2002lm
Input Watts: 19W
Efficacy: 106 lm/W
CCT: 3000K
CRI (Ra): >80
Maximum candela of 1336 at 62.5° from vertical.
IES classification: Type III
Mounting Height: 12" (3.6 m)
BUG Rating: B1-U0-G1
Power Factor: 0.977
Total Harmonic Distortion: 10.5%
Ouray 400

Photometry

<table>
<thead>
<tr>
<th>Optics Type</th>
<th>LED Type</th>
<th>CCT</th>
<th>Lumens</th>
<th>Watts</th>
<th>Efficacy</th>
<th>CRI (Ra)</th>
<th>Maximum Candela</th>
<th>IES Classification</th>
<th>Mounting Height</th>
<th>BUG Rating</th>
<th>Power Factor</th>
<th>Total Harmonic Distortion</th>
</tr>
</thead>
<tbody>
<tr>
<td>R3W Options / 126W LED / 3000K CCT</td>
<td>Catalog #: U4-R3W-5G350-30-XX-UNV</td>
<td>Delivered Lumens: 12036lm</td>
<td>Input Watts: 126W</td>
<td>Efficacy: 104 lm/W</td>
<td>CRI (Ra): &gt;80</td>
<td>Maximum candela of 1320 at 62.5° from vertical</td>
<td>IES classification: Type III</td>
<td>Mounting Height: 16' (4.9 m)</td>
<td>BUG Rating: B1-U0-G0</td>
<td>Power Factor: 0.977</td>
<td>Total Harmonic Distortion: 10.5%</td>
<td></td>
</tr>
<tr>
<td>R4 Options / 19W LED / 3000K CCT</td>
<td>Catalog #: U4-R4-XX-5G350-30-XX-UNV</td>
<td>Delivered Lumens: 1835lm</td>
<td>Input Watts: 19W</td>
<td>Efficacy: 98 lm/W</td>
<td>CRI (Ra): &gt;80</td>
<td>Maximum candela of 952 at 57.5° from vertical</td>
<td>IES classification: Type III</td>
<td>Mounting Height: 12' (3.6 m)</td>
<td>BUG Rating: B1-U0-G0</td>
<td>Power Factor: 0.978</td>
<td>Total Harmonic Distortion: 10.5%</td>
<td></td>
</tr>
</tbody>
</table>

*Complete photometric matrix is available for download from website along with all House Shield photometry.
### MIMIK 10 M TYPE III

<table>
<thead>
<tr>
<th>Part number</th>
<th>071728</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lampholder</td>
<td>LED</td>
</tr>
<tr>
<td>Wattage</td>
<td>10 W</td>
</tr>
<tr>
<td>Finish</td>
<td>GR-94 / Textured</td>
</tr>
<tr>
<td>Degree of protection</td>
<td>IP65</td>
</tr>
<tr>
<td>CRI</td>
<td>70</td>
</tr>
<tr>
<td>Kelvin</td>
<td>3000</td>
</tr>
<tr>
<td>Luminaire lumen output</td>
<td>542 lm</td>
</tr>
<tr>
<td>L:</td>
<td>L80</td>
</tr>
<tr>
<td>B:</td>
<td>B10</td>
</tr>
<tr>
<td>Lifetime</td>
<td>60000 h</td>
</tr>
<tr>
<td>cULus</td>
<td>wlf</td>
</tr>
<tr>
<td>Voltage</td>
<td>120-277 V</td>
</tr>
</tbody>
</table>

---

**Description**

**Photometric data**

**Technical drawings**
MIMIK 10 M C/I - TYPE III

3106887
RN UNITS 26-70 TON

WITH ECONOMIZER AND HEAT WHEEL WITH POWER EXHAUST

CLEARANCES

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>UNIT SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RETURN AIR BACK</td>
<td>26-70 TON</td>
</tr>
<tr>
<td>VENT SIDE FRONT</td>
<td>48</td>
</tr>
<tr>
<td>LEFT SIDE</td>
<td>48</td>
</tr>
<tr>
<td>RIGHT SIDE</td>
<td>70</td>
</tr>
<tr>
<td>TOP</td>
<td>UNOBSTRUCTED</td>
</tr>
</tbody>
</table>

NOTE: RIGHT AND LEFT SIDE UNIT CLEARANCES ARE INTERCHANGEABLE ON UNITS THAT DO NOT HAVE THE HYDROIC HEATING OPTION. UNITS WITH HYDROIC HEAT MUST HAVE 70° RIGHT SIDE ACCESS FOR SERVICE.

NOTE: 26-40 TON UNITS INCLUDES A SINGLE COOLING COIL. 50-70 TON UNIT INCLUDES TWO COOLING COILS.

DETAIL A

DETAIL B

UTILITY ENTRY (SEE DETAIL "A")

GAS ENTRY

TOP VIEW

INSIDE TO INSIDE BASE RAILS

OUTSIDE AIR HOOD

SUPPLY AIR

RETURN AIR 90° EXHAUST AIR

UNIT WALL

UNIT BASE RAIL

BASE RAIL CLEARANCE

DETAILED VIEW

SHROUDS

FILTERS

COOLING COILS (AS SHOWN)

ECON

SUPPLY BLOWER

CONDENSATE DRAIN 1" NPT GALV. (BOTH SIDES)

INSIDE TO INSIDE TO BASE RAILS

OUTSIDE TO OUTSIDE BASE

OUTSIDE TO OUTSIDE OF CABINET

HEAT WHEEL

PLENUM FAN EXHAUST BLOWER

BAROMETRIC RELIEF DAMPER

203

103

203

103

30

2

6

5

132

198

198

198

203

203

203

203

203

203

ALL DIMENSIONS ARE IN INCHES

RND-00036M NEW 02/14/14 JRL
RND CABINET
AIR COOLED CONDENSING UNIT
ENERGY RECOVERY SECTION

RN-031-3-O-E60E-EHN:4GME-D0B-DFM-AGA-0DFBM0D-00-DL00000VB

Disclaimers:
This weight estimate does not account for any SPAs.
WEST ELEVATION

SOUTH ELEVATION

CABL GLAZING
3/4 CLEAR TEMPERED
S-50 1 1/16 IN 2X4

CABL GLAZING
1/4 CLEAR TEMPERED
3- 26 1/4 X 1/4 1 1/4

RDOG GLAZING
1/4 CLEAR ANIMATED
3- 26 1/4 X 1/4 1 1/4

RDOG VENT GLAZING
1/4 CLEAR ANIMATED
3- 26 1/4 X 1/4 1 1/4

SIDEWALL GLAZING
3/4 CLEAR TEMPERED
1- 36" X 24" 1- 24" X 24"

SIDEWALL VENT GLAZING SOUTH
3/4 CLEAR TEMPERED
1- 36" X 36"

SIDEWALL VENT GLAZING NORTH
3/4 CLEAR TEMPERED
1- 36" X 36"
PARTITION ELEVATION

- PARTITION GLAZING
  1/16" CLEAR ANNEALED
  36" x 26"
  (FROSTED WIRE GLASS)
The Annapolis™ Bollard is a handsome sentinel that performs multiple maneuvers with style. Standard Bollard, Smart Bollard and Security Bollard share basic design and construction characteristics, specialize in their features and functions. Annapolis offers distinctive solutions in scope and detail for path making and wayfinding, safety and security in outdoor environments.

### Annapolis™ Standard Bollard
- Available in 6" and 12" diameter, with or without low-voltage LED lighting.
- A protective polyethylene sleeve is available in black or silver.
- Embedded, removable, or surface mount bollard styles.
- A keyed lock secures the bollard when in the socket.
- All 6" styles, including 6" removable bollard may be fitted with the Smart bollard top to provide solar powered lighting.
- Removable bollard not available in hardwired.

### Annapolis™ Smart Bollard
- Embedded, removable, or surface mount bollard style.
- The monocrystalline solar panel collects energy from the sun and converts it to electrical current.
- Energy is stored in a sealed lead-acid rechargeable battery that delivers extremely reliable power output over a long period of time.
- The microprocessor-based charge controller turns lights on at dusk and off at dawn.
- 4 white LEDs with 3500K correlated color temperature (CCT).

### Annapolis™ Security Bollard
- Available in 6" and 12" diameter. 6" dia. security bollard may be specified with Smart solar-powered LED light.
- Security bollard is designed to be permanently embedded with a reinforced footing and internal concrete/steel reinforcement. Details for an optional security footing available on our website at www.landscapeforms.com
# ANnapolis

Product Data Sheet

## Finishes

- Metal is finished with Landscape Forms’ proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling and fading.
- Call for standard color chart.

## To Specify

- Choose 6” or 12” diameter embedded style, 6” surface mount style, or 6” removable style.
- Specify black or silver protective polyethylene sleeve or without sleeve.
- Specify with or without lighting based on the following guidelines:
  - 6” embedded and surface mount, available with hard wired or solar powered lighting; 6” removable only offered with solar lighting; 12” embedded only offered with hard wired lighting.

**EXAMPLE:** 6” Surface Mount, Black Sleeve, Hard Wired LED Lighting

## Warranty

Landscape Forms, Inc. warrants all products (other than noted exceptions) to be free from defects in material and/or workmanship for a period of three years from date of invoice. Noted exceptions: LED lighting products are warranted for six years.

**Designed by Brian Kane, IDSA**

Annapolis Smart Bollard is protected by U.S. Patent Nos. D6,573,659; D6,013,985

---

<table>
<thead>
<tr>
<th>STYLE</th>
<th>DIAMETER</th>
<th>HEIGHT</th>
<th>PRODUCT WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6”</td>
<td>33”</td>
<td>Surface Mount: 47lbs</td>
</tr>
<tr>
<td></td>
<td>6”</td>
<td>33”</td>
<td>Embedded: 80lbs</td>
</tr>
<tr>
<td></td>
<td>6”</td>
<td>33”</td>
<td>Removable: 107lbs</td>
</tr>
<tr>
<td></td>
<td>12”</td>
<td>33”</td>
<td>Embedded: 200lbs</td>
</tr>
</tbody>
</table>

6” removable bollard

protective sleeve

lighted bollard top

---

Visit [landscapeforms.com](http://landscapeforms.com) for more information. Specifications are subject to change without notice. Landscape Forms supports the Landscape Architecture Foundation at the Second Century level.

©2017 Landscape Forms, Inc. Printed in U.S.A.

Landscape Forms, Inc. | 800.521.2546 | F 269.381.3455 | 7800 E. Michigan Ave., Kalamazoo, MI 49048
Spending lunch in Camelot since 1962.

For over 50 years, Victor Stanley has designed, engineered, and manufactured timeless site furnishings so you can bring communities to life. Using genuine IPE wood slats and solid steel with exceptionally high recycled content, our new Reverie collection is the perfect marriage of sleek design, longevity, and comfort.

Victor Stanley
Create a timeless moment.
The Reverie collection expresses simplicity, minimalism, and functionality. The Eva bench (patented) embodies the collection’s attention to high quality design, craftsmanship, and comfort. Its slim profile, solid steel frame with exceptionally high recycled content, and use of genuine IPE wood slats, makes for sleek design, with longevity and comfort in mind. It’s just one more way Victor Stanley helps you create the perfect setting for timeless moments.

**EVA BENCH**
**EVA BACKLESS BENCH**

2, 4, 6 or 8 ft (61, 1.2, 1.8 or 2.4 m) length. Wood slats. 8 ft (2.4 m) length includes center arm/leg.

*US Patents D710,625 S; D710,139 S.

**OPTIONS**
Surface mount. In-ground mount. Intermediate armrests (bolt-on) for 4 or 6 ft (1.2 or 1.8 m) length.

**EVA TABLE**

18 in (457 mm) height. Wood slats.

Model EVAT-22: 2 x 2 ft (.61 x .61 m).
Model EVAT-32: 3 x 2 ft (.91 x .61 m).
Model EVAT-33: 3 x 3 ft (.91 x .91 m).

**OPTIONS**
Surface mount. In-ground mount.

---

See product specifications for further details. Drawings are not to scale. Natural wood colors will vary. Weathering may occur on site which will alter the color of the wood over time. Our TGIC powder-coating averages 8-10 mils (200-250 microns) thick and is applied in-house to ensure the highest level of quality. Offered in 12 standard and metallic colors, plus a full range of RAL colors with available color matching. Additional cost may apply.
Victor Stanley, a leader in quality site furnishings, helps you bring your visions to life. From benches and litter receptacles to bike racks and planters, we meticulously design, engineer, and manufacture every detail to ensure our site furnishings will withstand the test of time. Founded over 50 years ago, we help create a place for people to gather, live life, and make timeless moments.
Plastisol {Classic} Racks
Surface Mount / In Ground Mount

In Ground #12707
Surface #12700
Plastisol {Classic} Racks
Surface Mount / In Ground Mount {Dims}
VIZOR SHELTER
SURFACE MOUNT
Starter Unit Plus 3 Add Ons
PARKING FOR 32 BIKES

**FLOORS MUST BE FREE FROM POST-TENSION CABLE OR SCANNED IN ADVANCE**
The Vizor™ is a beautiful cantilever designed shelter that is able to accommodate any bike rack system, including two-tiered models. This innovative, attractive, and functional bike shelter is a perfect addition to your facility, especially for smaller spaces.

American Bicycle Security Company
P.O. Box 7359
Ventura, CA 93006
Ph: (800) 245-3723 or (805) 933-3688
Fax: (805) 933-1865
www.ameribike.com
Email: turtle@ameribike.com
Vizor Shelter

Product  Vizor™ Shelter
Capacity  See diagrams below and to left
Materials  Uprights: 4”x5/16” square tube
Purlins: 4”x2”x3/16” rectangular tube
Feet: 5/8” plate
Rafter: 4”x2”x3/16” rectangular tube
Roof Panels: Type S deck, 26g galvanized steel
Finishes  Standard options: Galvanized

<table>
<thead>
<tr>
<th>Powder Coated</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAL 9005  Flat Black</td>
</tr>
<tr>
<td>RAL 6016  RAL 6018</td>
</tr>
<tr>
<td>RAL 7011  RAL 7014</td>
</tr>
<tr>
<td>RAL 3003  RAL 3005</td>
</tr>
<tr>
<td>RAL 9003  RAL 2004</td>
</tr>
<tr>
<td>RAL 1023  Bright Yellow</td>
</tr>
<tr>
<td>RAL 5005  RAL 5015</td>
</tr>
<tr>
<td>RAL 6005  Purple</td>
</tr>
<tr>
<td>RAL 8014  Bronze</td>
</tr>
</tbody>
</table>

Installation Methods  **Surface Mount.** It is the responsibility of the installer to ensure that all base materials into which the shelter will be installed can support the rack and will not be damaged by any required installation procedures. See structural drawings for details.

Space Use & Setbacks  **Overall dimensions:**
L 90”, W 144”, H 114”

Load Data  Dead load = self weight of structure
Live load = 40 psf
Wind load = 90 mph exposure B
Seismic load = Moderate
Footing: see page 4
Anchor bolt = .75” diameter x 14.625” Simpson Torq-Cut anchor

*The Vizor Shelter can be used in a modular fashion (shared uprights) however, when used in this manner, please call for layout, as the rack spacing and bike capacity can change!

Solar light available upon request.

American Bicycle Security Company
P.O. Box 7359
Ventura, CA 93006
Ph: (800) 245-3723 or (805) 933-3688
Fax: (805) 933-1865
www.ameribike.com
Email: turtle@ameribike.com
Tools needed for Installation:
- Tape Measure
- Marker or chalk
- Level
- Sledge Hammer
- Rubber Mallet
- Large Hammer Drill
- Standard Drill
- 3/8" Socket with drill attachment
- 1.25" Diameter Masonry Bit
- 7/16" Diameter Masonry Bit
- ¾" Wrench/Socket
- 1 ⅛" Wrench/Socket (2)
- 1 ¼" Wrench/Socket
- 1 ⅓" Wrench
- Spud Wrench
Vizor Shelter  

American Bicycle Security Company  
P.O. Box 7359  
Ventura, CA 93006  
Ph: (800) 245-3723 or (805) 933-3688  
Fax: (805) 933-1865  
www.ameribike.com  
Email: turtle@ameribike.com
Vizor Shelter  

Installation Instructions

1. Place Uprights based on footing diagram and drill (4) 5/8" diameter pilot holes in concrete 14" deep for each Upright. Remove Upright and use pilot holes to drill 1.25" diameter holes 14" deep. Drive in Simpson Torq-Cut Anchor, place Upright and install washers and nuts finger-tight.

2. Lift Truss over the Upright and secure with (4) 5/8" x 6" bolts, (8) 3/8" lock washers, and (4) 5/8" nuts.

3. Place the first Truss and secure with (4) 1/2" x 3.5" carriage bolts, (4) 1/2" lock washers, and (4) 1/2" nuts on both sides.

4. Continue securing the remaining Purlins. Leave nuts finger tight if a Campus Rack will be added. Tighten if no Campus Rack will be added.

American Bicycle Security Company
P.O. Box 7359
Ventura, CA 93006
Ph: (800) 245-3723 or (805) 933-3688
Fax: (805) 933-1865
www.ameribike.com
Email: turtle@ameribike.com
5. If using a Campus Rack, secure with (4) 5/8" x 5.5" bolts, (8) 5/8" lock washers, and (4) 5/8" nuts on both sides.

6. Completely tighten truss bolts and Campus Rack bolts if applicable. Completely tighten anchors to 240 ft-lbs.

7. Secure the upper Tension Bars with (4) ¾" nuts and (4) ¾" lock washers each.
8. Secure the lower Tension Bars with (4) ¾” nuts and (4) ¾” lock washers each.

9. Place the first section of Type S Deck and secure with (6) self-drilling screws.

10. Place the next section of Type S Deck and secure with (6) self-drilling screws. The first (3) self-drilling screws will go through both Type S Deck sections. Continue securing the remaining (3) Type S Deck sections.

11. If building a modular run of shelters, continue adding shelters until complete.