COLONIAL SERIES

SPECIFICATIONS

HOUSING
Heavy cast corrosion resistant low copper aluminum (A356 alloy, <0.2% copper) traditionally styled housing and top. Minimum wall thickness is .188". Top hinges for easy access. Silicone gasket between housing and hood. All hardware is stainless steel.

LENS
Clear 3/16" thick tempered flat glass lens. Lens is gasketed around the perimeter and retained by stainless steel clips.

REFLECTOR MODULE
One piece specular Alzak® optical reflector segments rigidly mounts to an aluminum frame and attached to the housing. Reflector module is field rotatable in 90° increments. Sockets are porcelain 4KV pulse rated, (E39) mogul (COL21) or (E26) medium base (COL18 and COL12). Reflector modules are factory prewired with quick-disconnect plug.

ELECTRICAL MODULE
All electrical components are UL and cUL recognized are mounted on a single plate and factory prewired with quick-disconnect plugs. Standard electronic MH ballasts have power factor of >.95 (70W – 150W) -20°F starting, 120-277V or >.90 (250W), -20°F starting, 200-277V, 50Hz/60Hz and have lamp End-of-life protection. 347V option utilizes a step down transformer to the electronic ballast. Electronic MH ballast has a power factor of >.90 (210W), -4°F starting, 200 - 277V, 50Hz/60Hz and has lamp End-of-life protection. Magnetic MH ballasts are high power factor (70W – 150W) or CWA (250W), -20°F starting, multi-tap 120-277V, 60Hz. All HPS ballasts are core and coil, high-reactance, high power factor (70W – 150W) or CWA (200W – 250W), -40°F starting.

FINISH
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

fixture type:

COL12-PM

COL18-PM

COL21-PM

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>A (mm)</th>
<th>B (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COL21</td>
<td>21&quot;</td>
<td>355mm</td>
</tr>
<tr>
<td>COL18</td>
<td>18&quot;</td>
<td>457mm</td>
</tr>
<tr>
<td>COL12</td>
<td>12&quot;</td>
<td>508mm</td>
</tr>
<tr>
<td>COL21-PM</td>
<td>21&quot;</td>
<td>533mm</td>
</tr>
<tr>
<td>COL18-PM</td>
<td>18&quot;</td>
<td>610mm</td>
</tr>
<tr>
<td>COL12-PM</td>
<td>12&quot;</td>
<td>610mm</td>
</tr>
</tbody>
</table>
### Specifications

**LUMINAIRE**

<table>
<thead>
<tr>
<th>COL18</th>
<th>COL12</th>
</tr>
</thead>
<tbody>
<tr>
<td>E.P.A.: 1.60</td>
<td>E.P.A.: 0.90</td>
</tr>
<tr>
<td>PM E.P.A.: 1.55</td>
<td>PM E.P.A.: 0.81</td>
</tr>
</tbody>
</table>

**WALL MOUNT**

- Horizontal Segmented Reflector

<table>
<thead>
<tr>
<th>WALL PLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>E.P.A.: 2.03</td>
</tr>
<tr>
<td>PM E.P.A.: 1.93</td>
</tr>
</tbody>
</table>

**TWIST LOCK PHOTOCELL**

+VOLTAGE . . . . . . . .  .

TPC+V (COL21 & COL18 ONLY)

**TWIST LOCK RECEPTACLE ONLY . . .**

TPR

### Ordering Information

<table>
<thead>
<tr>
<th>LUMINAIRE</th>
<th>OPTICS</th>
<th># WATTS</th>
<th>TYPE</th>
<th>VOLTAGE</th>
<th>MOUNTING</th>
<th>FINISH</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>COL18</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COL12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

1. - TUBULAR LAMP; PGZ18 BASE, E BALLAST ONLY
2. - TUBULAR LAMP; G12 BASE
3. FOR PSMH, HOR POSITION LAMP REQUIRED
4. - E39 BASE, HOR POSITION LAMP REQUIRED
5. - PSMH ONLY
6. - E BALLAST NOT AVAILABLE
7. - N/A for SHPs and SHPS
8. - N/A to SHPs
9. - 95X4 BASE

**FOR SMOOTH FINISH**

- REMOVE SUFFIX "T"

**PHOTO CELL + VOLTAGE**

- EXAMPLE: PC120V

**WALL MOUNT**

- Refer to Sun Valley Lighting binder or website section - Arms/Wall Brackets

### LUMINAIRE Options

- **STANDARD TEXTURED FINISH**
- **HOUSE SIDE SHIELD**
- **PHOTO CELL + VOLTAGE**
- **TWIST LOCK RECEPTACLE**
- **SINGLE FUSE**
- **DOUBLE FUSE**

### Optics

**WALL MOUNT**

- 70 - 150 Watts
- 150 - 250 Watts
- 35 - 70 Watts

- 22.5" (572mm)
- 4.5" (114mm)
- 21.5" (546mm)
- 5" (127mm)
- 3" (76mm)
- 2.188" (56mm)
- 14" (356mm)
- 12" (304mm)

Sun Valley Lighting
160 West Avenue O, Palmdale, CA 93551
Phone (661) 233-2000 Fax (661) 233-2001
www.usaltg.com
**COLONIAL-WA SERIES**

**SPECIFICATIONS**

**HOUSING**
Four piece opal white acrylic lenses provided with heavy cast low copper aluminum corrosion resistant (A356 alloy, <0.2% copper) traditionally styled housing and top. Minimum wall thickness is .188". Top hinges for easy access. Silicone gasket between housing and hood. All hardware is stainless steel.

**LENSES**
Opal white acrylic is standard. Lenses are gasketed at housing.

**OPTICS**
Vertically oriented base down lamp produces a symmetric distribution. Sockets are porcelain 4KV pulse rated, (E39) mogul (COL21) or (E26) medium base (COL18 and COL12).

**ELECTRICAL MODULE**
All electrical components are UL and cUL recognized are mounted on a single plate and factory prewired with quick-disconnect plugs. Standard electronic MH ballasts have power factor of >.95 (70W – 150W) -20°F starting, 120-277V or >.90 (250W), -20°F starting, 200-277V, 50Hz/60Hz and have lamp End-of-life protection. 347V option utilizes a step down transformer to the electronic ballast. Electronic MH ballast has a power factor of >.90 (210W), -4°F starting, 200 - 277V, 50Hz/60Hz and has lamp End-of-life protection. Magnetic MH ballasts are high power factor (70W – 150W) or CWA (250W), -20°F starting, multi-tap 120-277V, 60Hz. All HPS ballasts are core and coil, high-reactance, high power factor (70W – 150W) or CWA (200W – 250W), -40°F starting.

**FINISH**
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

<table>
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<tr>
<th>FIXTURE</th>
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<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>COL21-WA</td>
<td>21&quot;</td>
<td>35&quot;</td>
</tr>
<tr>
<td>COL18-WA</td>
<td>18&quot;</td>
<td>31&quot;</td>
</tr>
<tr>
<td>COL12-WA</td>
<td>12&quot;</td>
<td>22&quot;</td>
</tr>
</tbody>
</table>

Filter supplied to fit over 2 7/8" X 3" (73mm X 76mm) tennon.
### Colonial-WA Series

**Specifications**

### Luminaire

<table>
<thead>
<tr>
<th>Luminaire</th>
<th>Optics</th>
<th>Lamp/Ballast Mode</th>
<th>Mounting</th>
<th>Finish</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>COL21-WA</td>
<td>Vertical Bare Lamp</td>
<td>WATTS</td>
<td>TYPE</td>
<td>VOLTAGE</td>
<td>ARM MOUNT</td>
</tr>
<tr>
<td>COL18-WA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COL12-WA</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Notes:**
- 1 - Tubular Lamp, PGZ18 Base, E Ballast Only
- 2 - Tubular Lamp, G12 Base
- 3 - For HPS, Hor Position Lamp Required
- 4 - 4in Base, Hor Position Lamp Required
- 5 - PSMH Only
- 6 - E Ballast Not Available
- 7 - No for SHPS and SHPS
- 8 - No for SHPS
- 9 - 0/4 in H4 Base

**Technical Notes:**

- For smooth finish, remove suffix "T" (example: RAL-4500)
- See usaltg.com for additional colors

### Ordering Information

<table>
<thead>
<tr>
<th>Luminaire</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>COL21-WA</td>
<td>TUB</td>
</tr>
<tr>
<td>COL18-WA</td>
<td>TUB</td>
</tr>
<tr>
<td>COL12-WA</td>
<td>TUB</td>
</tr>
</tbody>
</table>

**Spec/Order Example:** COL21-WA/HR-V/250PSMH240/PT/RAL9003

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**Colony-WA Series**

- **Colony-WA Series**

  - **Design:** Colonial style
  - **Mounting Options:** Wall, Arm Bracket
  - **Optics Options:** Vertical Bare, Symmetric

**Product Specifications:**

- **Luminaire:** Colonial-WA Series
- **Ordering:** COL21-WA/HR-V/250PSMH240/PT/RAL9003

**Manufacturer:** Sun Valley Lighting

- **Address:** 660 West Avenue O, Palmdale, CA 93551
- **Phone:** (661) 233-2000
- **Fax:** (661) 233-2001
- **Website:** usaltg.com

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**Technical Details:**

- **VAT40:** Vertical Bare Lamp Optic
- **VL-Z Vertical Bare Lamp Optic**

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**Sun Valley Lighting**

- **Location:** 660 West Avenue O, Palmdale, CA 93551
- **Phone:** (661) 233-2000
- **Fax:** (661) 233-2001
- **Website:** usaltg.com
SOLID STATE AREA LIGHTING

COLONIAL-CPA SERIES

SPECIFICATIONS

HOUSING
Four piece clear patterned acrylic lenses provided with heavy cast low copper aluminum corrosion resistant (A356 alloy, <0.2% copper) traditionally styled housing and top. Minimum wall thickness is .188". Top hinges for easy access. Silicone gasket between housing and hood. All hardware is stainless steel.

LENSES
Clear patterned acrylic is standard. Lenses are gasketed at housing.

HORIZONTAL LAMP OPTICAL SYSTEM
Reflector Module - One piece specular Alzak® optical reflector segments rigidly mounted to an aluminum frame and attached to the housing. Reflector module is field rotatable in 90° increments. Sockets are porcelain 4KV pulse rated, (E39) mogul (COL21) or (E26) medium base (COL18 and COL12). Other bases as noted. Reflector modules are factory prewired with quick-disconnect plug.

VERTICAL LAMP OPTICAL SYSTEMS
Reflector/Refractor Module - Borosilicate glass refractor produces either a symmetric or asymmetric distribution pattern. Sockets are porcelain 4KV pulse rated, mogul (COL21) or medium base (COL18 and COL12).

ELECTRICAL MODULE
All electrical components are UL and cUL recognized are mounted on a single plate and factory prewired with quick-disconnect plugs. Standard electronic MH ballasts have power factor of >.95 (70W – 150W), -20°F starting, 120-277V or >.90 (250W), -20°F starting, 200-277V, 50Hz/60Hz and have lamp End-of-life protection. 347V option utilizes a step down transformer to the electronic ballast. Electronic MH ballast has a power factor of >.90 (210W), -4°F starting, 200 - 277V, 50Hz/60Hz and has lamp End-of-life protection. Magnetic MH ballasts are high power factor (70W – 150W) or CWA (250W), -20°F starting, multi-tap 120-277V, 60Hz. All HPS Ballasts are core and coil, high-reactance, high power factor (70W – 150W) or CWA (200W – 250W), -40°F starting.

FINISH
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