### SOLID STATE AREA LIGHTING

#### MOZART SERIES-LED

**SPECIFICATIONS**

**FIXTURE HOUSING**

One piece unitized precise heavy wall cast aluminum construction comprised of low copper (< 0.2% Cu) aluminum. Hood is fastened to the Housing with a stainless steel hinge and secured with a tool-less stainless steel latch 180° opposite the hinge. Housing and Hood is sealed with an extruded closed cell silicone gasket. Driver/wiring access through top of Mounting Hub. Hub accommodates a 2½” x 3” tenon. All exposed hardware is stainless steel.

**LED OPTICAL MODULE**

Low copper A356 alloy (< 0.2% copper) cast aluminum housing. Integrated clear tempered 3/16” glass lens sealed with a continuous silicone gasket protects emitters (LED’s) and emitter Reflector-Prism optics, and seals the module from water intrusion and environmental contaminants. Reflector-Prism injection molded from H12 acrylic. Each Reflector-Prism has indexing pins for aiming and is secured to an optical plate made of matte black anodized aluminum. The optical plate locates a Reflector-Prism over each emitter. Reflector-Prisms are secured to the optical plate with a UV curing adhesive. The Reflector-Prisms are arrayed to produce IES Type II, III, IV, and V-SQ distributions. The entire Optical Module is field rotatable in 90° increments. Both module and drivers are factory wired using water resistant, insulated cord. Lens, module and drivers are field replaceable.

**LED EMITTERS**

High output LED’s are utilized with drive currents ranging from 350mA to 700mA. 70CRI Minimum. LED’s are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

**LED DRIVER**

UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277, 50/60Hz, or 347-480V 50/60Hz and utilizes 0-10v dimming. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Surge protector supplied for field installation at the most conveniently serviceable location.

**AMBER LED’s**

PCA (Phosphor Converted Amber) LED’s utilize phosphors to create color output similar to LPS lamps and have a slight output in the blue spectral bandwidth. TRA (True Amber) LED’s utilize material that emits light in the amber spectral bandwidth only without the use of phosphors.

**FINISH**

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step sand blast and iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.

#### SPECIFICATIONS TABLE

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOZ26</td>
<td>26”</td>
<td>34.5”</td>
</tr>
<tr>
<td></td>
<td>600mm</td>
<td>670mm</td>
</tr>
<tr>
<td>MOZ20</td>
<td>26.5”</td>
<td>673mm</td>
</tr>
<tr>
<td></td>
<td>508mm</td>
<td></td>
</tr>
</tbody>
</table>

*Fitter supplied to fit over 2 7/8” X 3” (73mm X 76mm) tenon.*

---

Sun Valley Lighting
660 West Avenue O, Palmdale, CA 93551
Phone (661) 233-3000; Fax (661) 233-2081
www.usaltg.com

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2018332
### Specifications

#### Mozart Series - LED

**General**
- **E.P.A.**:
  - Moz26-LED: 2.30
  - Moz20-LED: 1.49
  - Available in: 120 LED Max.

**Modules**

<table>
<thead>
<tr>
<th>MOS26-LED</th>
<th>MOS20-LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 LED Module</td>
<td>80 LED Module</td>
</tr>
</tbody>
</table>

**Module Information**
- **Maximum Input Watts/ HID Equivalents**
  - **Approx. Lumens - 4,000**
  - **# of LEDs**
  - **Drive Current**
  - **System Watts**
  - **HID Equiv.**

<table>
<thead>
<tr>
<th>MOS26-LED</th>
<th>MOS20-LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>48</td>
<td>350mA</td>
</tr>
<tr>
<td>350mA</td>
<td>525mA</td>
</tr>
<tr>
<td>350mA</td>
<td>700mA</td>
</tr>
<tr>
<td>525mA</td>
<td>700mA</td>
</tr>
<tr>
<td>350mA</td>
<td>108</td>
</tr>
<tr>
<td>525mA</td>
<td>134</td>
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<td>350mA</td>
<td>109</td>
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<tr>
<td>525mA</td>
<td>130</td>
</tr>
<tr>
<td>350mA</td>
<td>130</td>
</tr>
</tbody>
</table>

**Optics**
- **Model**
  - **VLED**
  - **Mounting**
  - **Voltage**
  - **Color**
  - **Options**

<table>
<thead>
<tr>
<th>Spec/Order Example:</th>
<th>MOZ26-LED/VLED-III/64LED-700mA/NW/277/PT/RAL-9003-S/HS-VLED</th>
</tr>
</thead>
</table>

**Arm Styles**
- **XAC**
- **XAZ-UP**
- **XAT**

**Wall Mount**
- **Arm Bracket**
  - Extruded and cast aluminum construction.
  - Available in: 120 LED Max.

**Wall Plate**
- **50” Dia.**
- **16” (400mm)**
- **3” I.D.**

**Product Options**
- **White RAL-9003-T**
- **Grey RAL-7004-T**
- **Black RAL-9005-T**
- **Amber**
  - **Phosphor Converted Amber**
  - **True Amber**

**Finish**
- **Standard Textured Finish**
  - **Black RAL-9005-T**
  - **White RAL-9003-T**
  - **Grey RAL-7004-T**
  - **Dark Bronze RAL-8019-T**
  - **Green RAL-6005-T**

**Mounting Options**
- **Arm Mount**
  - **Black RAL-9005-T**
  - **White RAL-9003-T**
  - **Grey RAL-7004-T**
  - **Dark Bronze RAL-8019-T**
  - **Green RAL-6005-T**

---

Sun Valley Lighting

650 West Avenue O. Pismo Beach, CA 93449
Phone (805) 233-3000 Fax (805) 233-3001
www.usaltg.com
**MOZART SERIES - LED**

**LAMP/ELECTRICAL GUIDE**

<table>
<thead>
<tr>
<th>LED COUNT</th>
<th>SOURCE TYPE</th>
<th>SOURCE</th>
<th>INITIAL LUMENS - 4000K</th>
<th>INITIAL LUMENS - 3000K</th>
<th>INITIAL LUMENS - 5000K</th>
<th>L70 GREATER THAN (HR)</th>
<th>STARTING TEMP</th>
<th>SYSTEM WATTS</th>
<th>VOLTS</th>
<th>MAX INPUT AMPS</th>
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</thead>
<tbody>
<tr>
<td>48</td>
<td>LED</td>
<td></td>
<td>5.871 – 6.557</td>
<td>5.152 – 5.755</td>
<td>6.009 – 6.711</td>
<td>60,000+</td>
<td>-20°F</td>
<td>79</td>
<td>120</td>
<td>0.60</td>
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<tr>
<td>48</td>
<td>LED</td>
<td></td>
<td>7.515 – 8.131</td>
<td>6.579 – 7.119</td>
<td>7.696 – 8.327</td>
<td>60,000+</td>
<td>-20°F</td>
<td>109</td>
<td>120</td>
<td>0.91</td>
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<tr>
<td>64</td>
<td>LED</td>
<td></td>
<td>5.255 – 5.898</td>
<td>4.623 – 5.189</td>
<td>5.373 – 6.031</td>
<td>60,000+</td>
<td>-20°F</td>
<td>70</td>
<td>120</td>
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<tr>
<td>64</td>
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<td>7.393 – 8.257</td>
<td>6.488 – 7.246</td>
<td>7.566 – 8.451</td>
<td>60,000+</td>
<td>-20°F</td>
<td>108</td>
<td>120</td>
<td>0.90</td>
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<tr>
<td>80</td>
<td>LED</td>
<td></td>
<td>7.131 – 7.452</td>
<td>6.273 – 6.556</td>
<td>7.292 – 7.620</td>
<td>60,000+</td>
<td>-20°F</td>
<td>85</td>
<td>120</td>
<td>0.77</td>
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<tr>
<td>80</td>
<td>LED</td>
<td></td>
<td>9.994 – 10.444</td>
<td>8.770 – 9.166</td>
<td>10.228 – 10.689</td>
<td>60,000+</td>
<td>-20°F</td>
<td>130</td>
<td>120</td>
<td>1.09</td>
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<tr>
<td>100</td>
<td>LED</td>
<td></td>
<td>8.862 – 9.260</td>
<td>7.796 – 8.146</td>
<td>9.062 – 9.469</td>
<td>60,000+</td>
<td>-20°F</td>
<td>109</td>
<td>120</td>
<td>0.91</td>
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<tr>
<td>120</td>
<td>LED</td>
<td></td>
<td>10.634 – 11.112</td>
<td>9.355 – 9.776</td>
<td>10.874 – 11.363</td>
<td>60,000+</td>
<td>-20°F</td>
<td>130</td>
<td>120</td>
<td>1.09</td>
</tr>
</tbody>
</table>

**NOTES:**

1. Max Input Amps is the highest of starting, operating or open circuit currents.
2. Lumen values for LED Modules vary according to the distribution type.
3. System Watts includes the source watts and all driver components.
4. Fuse values should be sufficient to protect all wiring components. For electronic driver and LED component protection, use 10KV – 20KV surge suppressors.
5. L70(10K) – TM-21 & rule applied
6. L70(10K) – Calculated = 244,000 @ 700mA

**WARNING:** All fixtures must be installed in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.
SOLID STATE AREA LIGHTING

**MOZART-WA SERIES-LED**

**SPECIFICATIONS**

**FIXTURE HOUSING**
One piece unitized precise heavy wall cast aluminum construction comprised of low copper (< 0.2% Cu) aluminum. Hood is fastened to the Housing with a stainless steel hinge and secured with a tool-less stainless steel latch 180° opposite the hinge. Housing and Hood is sealed with an extruded closed cell silicone gasket. White Acrylic enclosure is gasketed at the fixture Mounting Hub and crown with an extruded closed cell silicone gasket. Driver/wiring access is inside the enclosure and accesses through the top of the Mounting Hub. Hub accommodates a 2⅛" x 3" tenon. All exposed hardware is stainless steel.

**LED POWER ARRAY™**
Three-dimensional array of individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED’s and is mechanically fastened to a radial aluminum heat sink. A diffuse acrylic lens and end cap protects each LED Tube’s internal components.

**VERTICAL POWER ARRAY™:** LED Tubes are aligned vertically and equally arranged radially to produce an even raw light distribution that simulates standard light sources. Produces a minimal glare, symmetric diffuse light distribution. Used in conjunction with a smooth, white, acrylic diffusing enclosure.

**LED EMITTERS**
High output LED’s are utilized with drive currents ranging from 350mA to 525mA. 70CRI Minimum. LED’s are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

**LED DRIVER**
UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz or 347-480V, 50/60hz and utilizes 0-10v dimming. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Surge protector supplied for field installation at the most conveniently serviceable location.

**FINISH**
Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step sand blast and iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOZ26-WA</td>
<td>26&quot;</td>
<td>34.5&quot;</td>
</tr>
<tr>
<td></td>
<td>60mm</td>
<td>87mm</td>
</tr>
<tr>
<td>MOZ20-WA</td>
<td>20&quot;</td>
<td>26.5&quot;</td>
</tr>
<tr>
<td></td>
<td>60mm</td>
<td>67mm</td>
</tr>
</tbody>
</table>
MOZART-WA SERIES - LED

SPECIFICATIONS

ARM STYLES

MOZ26-WA-LED

VPA - Vertical Array
Top Mount

MOZ20-WA-LED

VERTICAL ARRAY
Available in: 48 LED Max.

WALL MOUNT

MOZ26-WA-LED

E.P.A. = 2.27
VERTICAL ARRAY
Available in: 80 LED Max.

ARM BRACKET EXTRUDED AND
CAST ALUMINUM CONSTRUCTION.

WALL PLATE

ARM STYLES

XAC

NZ-UP

XAT

MOUNTING

MOZ20-WA-LED

E.P.A. = 1.48
VERTICAL ARRAY
Available in: 48 LED Max.

Spec/Order Example: MOZ20-WA-LED/VPA-SYM/36LED-525mA/WW/277/PT/RAL-9005-T

OPTICS

FINISH OPTIONS

DARK BRONZE
RAL-8019-T

WHITE
RAL-9003-T

GREY
RAL-7004-T

BLACK
RAL-9005-T

DRAMATIC TYPE - V
VPA-SYM . . . .

OTHER LED COLORS
AVAILABLE
CONSULT FACTORY

WHITE
RAL-9003-T

PHOTO CELL + VOLTAGE
EXAMPLE: PC120V . . . . . .
PC+V

CONTACT FACTORY FOR STEP
DIM MOTION SENSOR
(PROGRAMMED 50/100)

ABSORPTION FUSIBLE
RECEPTACLE ONLY
EXAMPLE: SFR (TYP.) . . . . .
SFR

TWIST LOCK PHOTOCELL
RECEPTACLE ONLY . . .
TPR7

3-PIN TWIST LOCK
RECEPTACLE ONLY
(ANSI C136.41) . . . . .
TPR7

HOUSE SIDE SHIELDS
(STANDARD 180° SHIELD)
HS

HIGH-LUMEN DRAWING
FOR HARDWARE SWITCHING
OR NON-INTEGRATED MOTION
SENSOR . . . . . . . . . . . .
HL3W

STANDARD TEXTURED FINISH
BLACK
RAL-9005-T

WHITE
RAL-9003-T

GREY
RAL-7004-T

DARK BRONZE
RAL-8019-T

GREEN
RAL-6005-T

FOR SMOOTH FINISH
REPLACE SUFFIX "T"
WITH SUFFIX "S"
(EXAMPLE: RAL-6005-S)

PHOTO CELL + VOLTAGE
EXAMPLE: PC120V . . . . .
PC+V

CONTACT FACTORY FOR STEP
DIM MOTION SENSOR
(PROGRAMMED 50/100)

VOLTAGE

ARM MOUNT

MOZ20-WA

48LED

36LED

24LED

120
208
240
277
347
480

WP .............. ●

7-PIN TWIST LOCK
RECEPTACLE ONLY
(EXTRACT C136.41) . .
TPR7

TWIST LOCK PHOTOCELL
RECEPTACLE ONLY . .
TPR7

3-PIN Twist Lock
Receptacle Only . . .
TPR7

STANDARD 180° SHIELD
Houseside Shelves . .
HS

HIGH-LUMEN DRAWING
FOR HARDWARE SWITCHING
OR NON-INTEGRATED MOTION
SENSOR . . . . . . . . . . .
HL3W

STANDARD TEXTURED FINISH
BLACK
RAL-9005-T

WHITE
RAL-9003-T

GREY
RAL-7004-T

DARK BRONZE
RAL-8019-T

GREEN
RAL-6005-T

FOR SMOOTH FINISH
REPLACE SUFFIX "T"
WITH SUFFIX "S"
(EXAMPLE: RAL-6005-S)

PHOTO CELL + VOLTAGE
EXAMPLE: PC120V . . . .
PC+V

CONTACT FACTORY FOR STEP
DIM MOTION SENSOR
(PROGRAMMED 50/100)

WALL MOUNT

MOZ26-WA-LED

E.P.A. = 2.27
VERTICAL ARRAY
Available in: 80 LED Max.

ARM BRACKET EXTRUDED AND
CAST ALUMINUM CONSTRUCTION.

WALL PLATE

ARM STYLES

XAC

NZ-UP

XAT

MOUNTING

MOZ20-WA-LED

E.P.A. = 1.48
VERTICAL ARRAY
Available in: 48 LED Max.

Spec/Order Example: MOZ20-WA-LED/VPA-SYM/36LED-525mA/WW/277/PT/RAL-9005-T

OPTICS

FINISH OPTIONS

DARK BRONZE
RAL-8019-T

GREEN
RAL-6005-T

WHITE
RAL-9003-T

GREY
RAL-7004-T

BLACK
RAL-9005-T

PHOTO CELL + VOLTAGE
EXAMPLE: PC120V . . . . .
PC+V

CONTACT FACTORY FOR STEP
DIM MOTION SENSOR
(PROGRAMMED 50/100)

VOLTAGE

ARM MOUNT

MOZ20-WA

48LED

36LED

24LED

120
208
240
277
347
480

WP .............. ●

7-PIN TWIST LOCK
RECEPTACLE ONLY
(EXTRACT C136.41) . .
TPR7

TWIST LOCK PHOTOCELL
RECEPTACLE ONLY . .
TPR7

3-PIN Twist Lock
Receptacle Only . . .
TPR7

STANDARD 180° SHIELD
Houseside Shelves . .
HS

HIGH-LUMEN DRAWING
FOR HARDWARE SWITCHING
OR NON-INTEGRATED MOTION
SENSOR . . . . . . . . . . .
HL3W

STANDARD TEXTURED FINISH
BLACK
RAL-9005-T

WHITE
RAL-9003-T

GREY
RAL-7004-T

DARK BRONZE
RAL-8019-T

GREEN
RAL-6005-T

FOR SMOOTH FINISH
REPLACE SUFFIX "T"
WITH SUFFIX "S"
(EXAMPLE: RAL-6005-S)

PHOTO CELL + VOLTAGE
EXAMPLE: PC120V . . . .
PC+V

CONTACT FACTORY FOR STEP
DIM MOTION SENSOR
(PROGRAMMED 50/100)

WALL MOUNT

MOZ26-WA-LED

E.P.A. = 2.27
VERTICAL ARRAY
Available in: 80 LED Max.

ARM BRACKET EXTRUDED AND
CAST ALUMINUM CONSTRUCTION.

WALL PLATE

ARM STYLES

XAC

NZ-UP

XAT

MOUNTING

MOZ20-WA-LED

E.P.A. = 1.48
VERTICAL ARRAY
Available in: 48 LED Max.

Spec/Order Example: MOZ20-WA-LED/VPA-SYM/36LED-525mA/WW/277/PT/RAL-9005-T

OPTICS

FINISH OPTIONS

DARK BRONZE
RAL-8019-T

GREEN
RAL-6005-T

WHITE
RAL-9003-T

GREY
RAL-7004-T

BLACK
RAL-9005-T

PHOTO CELL + VOLTAGE
EXAMPLE: PC120V . . . . .
PC+V

CONTACT FACTORY FOR STEP
DIM MOTION SENSOR
(PROGRAMMED 50/100)

VOLTAGE

ARM MOUNT

MOZ20-WA

48LED

36LED

24LED

120
208
240
277
347
480

WP .............. ●

7-PIN TWIST LOCK
RECEPTACLE ONLY
(EXTRACT C136.41) . .
TPR7

TWIST LOCK PHOTOCELL
RECEPTACLE ONLY . .
TPR7

3-PIN Twist Lock
Receptacle Only . . .
TPR7

STANDARD 180° SHIELD
Houseside Shelves . .
HS

HIGH-LUMEN DRAWING
FOR HARDWARE SWITCHING
OR NON-INTEGRATED MOTION
SENSOR . . . . . . . . . . .
HL3W

STANDARD TEXTURED FINISH
BLACK
RAL-9005-T

WHITE
RAL-9003-T

GREY
RAL-7004-T

DARK BRONZE
RAL-8019-T

GREEN
RAL-6005-T

FOR SMOOTH FINISH
REPLACE SUFFIX "T"
WITH SUFFIX "S"
(EXAMPLE: RAL-6005-S)

PHOTO CELL + VOLTAGE
EXAMPLE: PC120V . . . .
PC+V

CONTACT FACTORY FOR STEP
DIM MOTION SENSOR
(PROGRAMMED 50/100)
### LED Count and Source Type

<table>
<thead>
<tr>
<th>LED Count</th>
<th>Source Type</th>
<th>Source</th>
<th>Initial Lumens - 4000K</th>
<th>Initial Lumens - 3000K</th>
<th>Initial Lumens - 5000K</th>
<th>L70 Greater Than (HR)</th>
<th>Starting Temp</th>
<th>System Watts</th>
<th>Volts</th>
<th>Max Input Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 LED</td>
<td>24 VPA LED Power Array - 350mA</td>
<td>2.453</td>
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<td>2.508</td>
<td>60,000+</td>
<td>-20°F</td>
<td>37</td>
<td>120</td>
<td>277</td>
<td>0.23</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>347</td>
<td>&lt; 0.10</td>
<td></td>
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<tr>
<td>24 LED</td>
<td>24 VPA LED Power Array - 525mA</td>
<td>3.434</td>
<td>3.021</td>
<td>3.511</td>
<td>60,000+</td>
<td>-20°F</td>
<td>55</td>
<td>120</td>
<td>277</td>
<td>0.34</td>
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<td></td>
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<td></td>
<td></td>
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<td>32 LED</td>
<td>32 VPA LED Power Array - 350mA</td>
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<td>-20°F</td>
<td>45</td>
<td>120</td>
<td>277</td>
<td>0.30</td>
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<td>347</td>
<td>0.13</td>
<td></td>
</tr>
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<td>32 VPA LED Power Array - 525mA</td>
<td>4.579</td>
<td>4.028</td>
<td>4.682</td>
<td>60,000+</td>
<td>-20°F</td>
<td>66</td>
<td>120</td>
<td>277</td>
<td>0.45</td>
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<td></td>
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<td></td>
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<td></td>
<td>347</td>
<td>0.20</td>
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<tr>
<td>36 LED</td>
<td>36 VPA LED Power Array - 350mA</td>
<td>3.679</td>
<td>3.236</td>
<td>3.762</td>
<td>60,000+</td>
<td>-20°F</td>
<td>54</td>
<td>120</td>
<td>277</td>
<td>0.35</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>347</td>
<td>0.15</td>
<td></td>
</tr>
<tr>
<td>36 LED</td>
<td>36 VPA LED Power Array - 525mA</td>
<td>5.151</td>
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### NOTES:
1. Max Input Amps is the highest of starting, operating, or open circuit currents.
2. Lumen values for LED Modules vary according to the distribution type.
3. System Watts includes the source watts and all driver components.
4. Fuse value should be sufficient to protect all wiring components. For electronic driver and LED component protection, use 10KV – 20KV surge suppressors.
5. L70(10K) – TM-21 6x rule applied.

### WARNING:
All fixtures must be installed in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.
SOLID STATE AREA LIGHTING

MOZART-CPA SERIES-LED

SPECIFICATIONS

FIXTURE HOUSING
One piece unitized precise heavy wall cast aluminum construction comprised of low copper (A356 alloy, <0.2% Cu) aluminum. Hood is fastened to the Housing with a stainless steel hinge and secured with a tool-less stainless steel latch 180° opposite the hinge. Housing and Hood is sealed with an extruded closed cell silicone gasket. Clear Patterned Acrylic enclosure is gasketed at the fixture Mounting Hub and crown with an extruded closed cell silicone gasket. Driver/wiring access is inside the enclosure and accesses through the top of the Mounting Hub. Hub accommodates a 2 7/8" x 3" tenon. All exposed hardware is stainless steel.

LED POWER ARRAY™
Three-dimensional array of individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED’s and is mechanically fastened to a radial aluminum heat sink. A diffuse acrylic lens and end cap protects each LED Tube’s internal components.

ANGLED POWER ARRAY™: Micro-Reflectors mounted around each LED control the raw emitter output. LED Tubes are rotated on their vertical axis, angled on their horizontal axis, and arrayed to produce highly efficient IES Distribution Types II, III, IV and V. Used in conjunction with a clear patterned acrylic enclosure.

VERTICAL POWER ARRAY™: LED Tubes are aligned vertically and equally arranged radially to produce an even raw light distribution that simulates standard light sources. Produces a minimal glare, symmetric diffuse light distribution. Used in conjunction with prismatic glass refractor to produce symmetric or asymmetric distributions and surrounded by a Clear Patterned Acrylic enclosure.

LED EMITTERS
High output LED’s are utilized with drive currents ranging from 350mA to 525mA. 70CRI Minimum. LED’s are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER
UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Surge protector supplied for field installation at the most conveniently serviceable location.

FINISH
Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step sand blast and iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.
MOZART-CPA SERIES - LED

SPECIFICATIONS

LUMINAIRES

MOZ26-CPA-LED
- # of LED's: 80
- Drive Current: 350mA
- Color Temp - CCT: 4000K
- Spec/Order Example: MOZ26-CPA-LED/GRV-III/80LED-350mA/WW/120/PT/RAL-9005

MOZ20-CPA-LED
- # of LED's: 48
- Drive Current: 350mA
- Color Temp - CCT: 4000K

OPTIONS

- ANGLED POWER ARRAY
- VERTICAL ARRAY
- GRV MODELS
- GLASS REFRACCTOR

OPTICS

- LED MOUNTING
  - ARM MOUNT
  - WALL MOUNT
- STANDARD TEXTURED FINISH
  - WHITE RAL-9003-T
  - BLACK RAL-9005-T
- TWIST LOCK PHOTOCELL RECEPTACLE ONLY
  - PC-V

FINISH

- OPTIONS
  - SINGLE FUSE
  - DOUBLE FUSE

MOUNTING

- ARM MOUNT
- WALL MOUNT

FINISH

- DOUBLE FUSE
- SINGLE FUSE

CONTACT FACTORY FOR STEP DIMMATION SENSOR (PROGRAMMED 50/100)

Sun Valley Lighting
660 West Avenue O, Palmdale, CA 93551
Phone (661) 233-2000  Fax (661) 233-2001
www.usaltg.com
## Mozart-CPA Series - APA LED

<table>
<thead>
<tr>
<th>LED COUNT</th>
<th>SOURCE TYPE</th>
<th>SOURCE</th>
<th>Initial Lumens - 4000K</th>
<th>Initial Lumens - 3000K</th>
<th>Initial Lumens - 5000K</th>
<th>L70 Greater Than (HR)</th>
<th>Starting Temp.</th>
<th>System Watts</th>
<th>Volts</th>
<th>Max Input Amps</th>
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<td>32 APA LED</td>
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### Notes:
1. Max Input Amps is the highest of starting, operating, or open circuit currents.
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4. Fuse value should be sufficient to protect all wiring components. For electronic driver and LED component protection, use 10KV = 20KV surge suppressors.
5. L70(10K) – TM-21 6x rule applied
   - L70(10K) = Calculated = 244,000 @ 700mA

### WARNING:
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<table>
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<th>LED COUNT</th>
<th>SOURCE TYPE</th>
<th>SOURCE</th>
<th>INITIAL LUMENS - 4000K</th>
<th>INITIAL LUMENS - 3000K</th>
<th>INITIAL LUMENS - 5000K</th>
<th>L70 GREATER THAN (HR)</th>
<th>STARTING TEMP</th>
<th>SYSTEM WATTS</th>
<th>VOLTS</th>
<th>MAX INPUT AMPS</th>
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<td>24 GRV/VPA LED Power Array - 350mA</td>
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   L70(10K) – Calculated = 244,000 @ 700mA

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