SOLID STATE AREA LIGHTING

MOZART SERIES-LED

S P E C I F I C A T I O N S

PROJECT NAME:

FIXTURE TYPE:

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 2⅞" 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

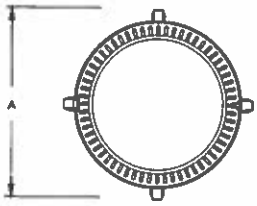
PCA (Phosphor Converted Amber) LED's utilize phosphors to create color output similar to LPS lamps and have a slight output in the blue spectral bandwidth. **TRA** (True Amber) LED's utilize material that emits light in the amber spectral bandwidth only without the use of phosphors.

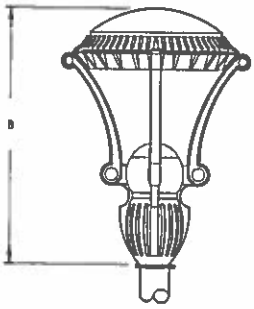
FINISH

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.

MOZ-LED

PATENT PENDING





Fitter supplied to fit over 2 7/8" X 3" (73mm X 76mm) tennon.

FIXTURE	A	B
MOZ26	26" 660mm	34.5" 876mm
MOZ20	20" 508mm	26.5" 673mm

c UL us LISTED

MADE IN THE USA

2018332

Sun Valley Lighting

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www.usalfg.com

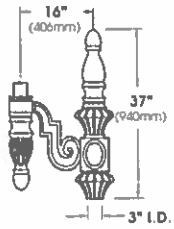
SUN VALLEY LIGHTING

MOZART SERIES - LED

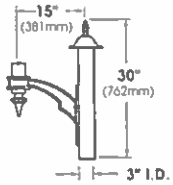
SPECIFICATIONS

ARM STYLES

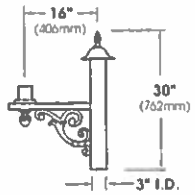
XAC



XAZ-UP

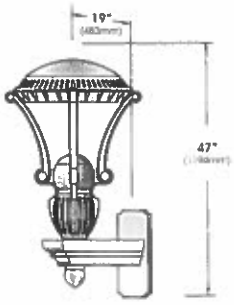


XAT



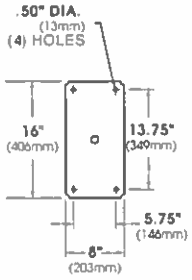
ARMS ARE HEAVY WALL EXTRUDED AND CAST ALUMINUM CONSTRUCTION. FOR ADDITIONAL ARM AND/OR WALL MOUNT OPTIONS SEE ARM SECTION.

WALL MOUNT



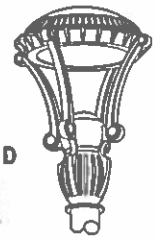
ARM BRACKET EXTRUDED AND CAST ALUMINUM CONSTRUCTION. (XBW-WM SHOWN)

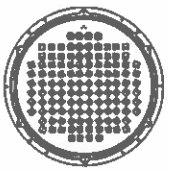
WALL PLATE



✓LED® MODULES

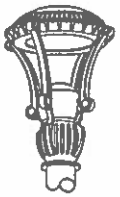
MOZ26-LED
E.P.A.= 2.30
Available in:
120 LED Max.

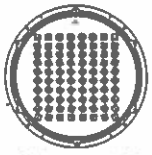




120 LED Module

MOZ20-LED
E.P.A.= 1.49
Available in:
80 LED Max.





80 LED Module

MAX INPUT WATTS/ HID EQUIVALENTS

# OF LED's	DRIVE CURRENT	SYSTEM WATTS	HID EQUIV	APPROX. LUMENS - 4,000
48	350mA	55	70 - 100w	4,501
	525mA	79	100w	6,214
	700mA	109	150 - 175w	7,823
64	350mA	70	100w	5,577
	525mA	108	150 - 175w	7,825
	700mA	134	175 - 200w	10,166
80	350mA	85	150w	7,292
	525mA	130	175 - 200w	10,219
100	350mA	109	175w	9,061
120	350mA	130	200 - 250w	10,873

Spec/Order Example: MOZ26-LED/VLED-III/64LED-700mA/NW/277/PT/RAL-9003-S/HS-VLED

SPEC/ORDERING INFORMATION

MODEL	OPTICS	LED MODE	VOLTAGE	MOUNTING	FINISH	OPTIONS

MODEL

- ☐ MOZ26-LED
- ☐ MOZ20LED

OPTICS

✓LED® IES DISTRIBUTION TYPE

- ☐ TYPE II VLED - II
- ☐ TYPE III VLED - III
- ☐ TYPE IV VLED - IV
- ☐ TYPE V-SQ VLED- V-SQ

LED MODE

# of LED's	DRIVE CURRENT	COLOR TEMP-CCT
MOZ26	☐ 350mA	☐ NW (4000K) *STANDARD
☐ 120LED	☐ 525mA[1]	☐ CW (5000K)
☐ 100LED	☐ 700mA[2,3]	☐ WW (3000K)
☐ 80LED		OTHER LED COLORS AVAILABLE CONSULT FACTORY
☐ 64LED		
☐ 48LED		
MOZ20		
☐ 80LED		
☐ 64LED		
☐ 48LED		

AMBER[4]

- ☐ PHOSPHOR CONVERTED AMBER PCA
- ☐ TRUE AMBER[5] TRA

NOTES:
1 - 80LED, 64LED & 48LED ONLY
2 - 64LED & 48LED ONLY
3 - NOT FOR USE WITH TRA LED'S
4 - NARROW BAND AMBERS HAVE NO DEFINABLE CCT EQUIVALENT
5 - AVAILABLE IN 350mA & 525mA DRIVE CURRENTS ONLY

VOLTAGE

- ☐ 120
- ☐ 208
- ☐ 240
- ☐ 277
- ☐ 347
- ☐ 480

MOUNTING

ARM MOUNT

- ☐ XXX/1
- ☐ XXX/2-180
- ☐ XXX/2-90
- ☐ XXX/3-90
- ☐ XXX/3-120
- ☐ XXX/4-90

(XXX = Arm Model # Ex = XBW-2-180/RAL-9005-T)

POST TOP MOUNT
(STANDARD 2 ⅞" x 3" TENON)

- ☐ PT

WALL MOUNT

- ☐ WM

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

FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9500-S)

SEE USALTG.COM FOR ADDITIONAL COLORS

OPTIONS

- ☐ 7-PIN TWIST LOCK RECEPTACLE ONLY (ANSI C136.41) TPR7
- ☐ INTERNAL HOUSE SIDE SHIELDS ..... HS-VLED
- ☐ HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR ..... HLSW
- ☐ PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) ..... PC+V
- ☐ TWIST LOCK PHOTOCELL RECEPTACLE ONLY ..... TPR

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

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