PROJECT NAME:

PROJECT TYPE:

SOLID STATE AREA LIGHTING

CTS SERIES-LED

SPECIFICATIONS

LUMINAIRE
Prismatic borosilicate glass refracting lens with specular top reflector. Heavy gauge, corrosion resistant cast aluminum housing. Utility Fitter base has panel for access to electrical compartment. Optional internal twist lock photocell available. Luminaire base has 3" I.D. opening for tenon. All hardware is stainless steel.

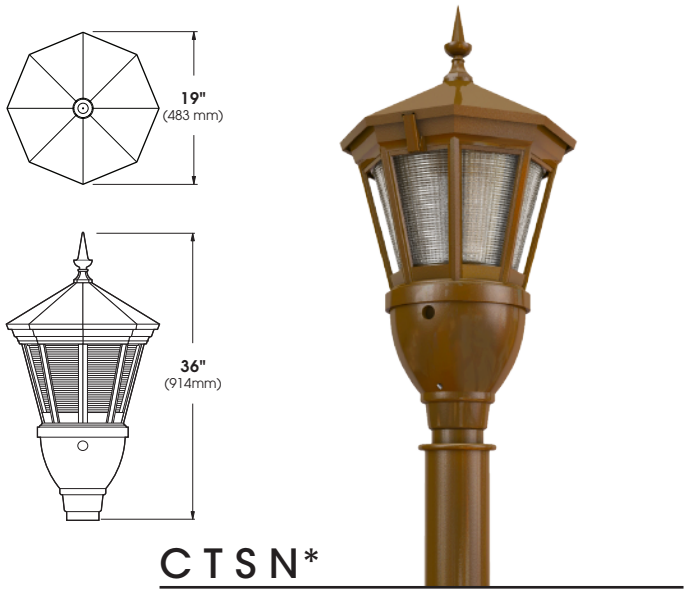
LED POWER ARRAY™
Three-dimensional array of individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED's and is mechanically fastened to a radial aluminum heat sink. An acrylic lens and end cap protects the LED Tube's internal components.

VERTICAL POWER™ ARRAY WITH REFRACTING GLOBE: LED Tubes are aligned vertically and arranged radially to produce an even raw light distribution that simulates standard light sources. Used in conjunction with the external prismatic refracting lens which provides the optical control.

LED EMITTERS
High Output LED's are driven at 350mA for nominal 1 Watt output each. 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. Consult Factory for (347-480VAC). Driver is mechanically fastened to a retaining bracket. Main Power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimming and High-Low Driver options available.

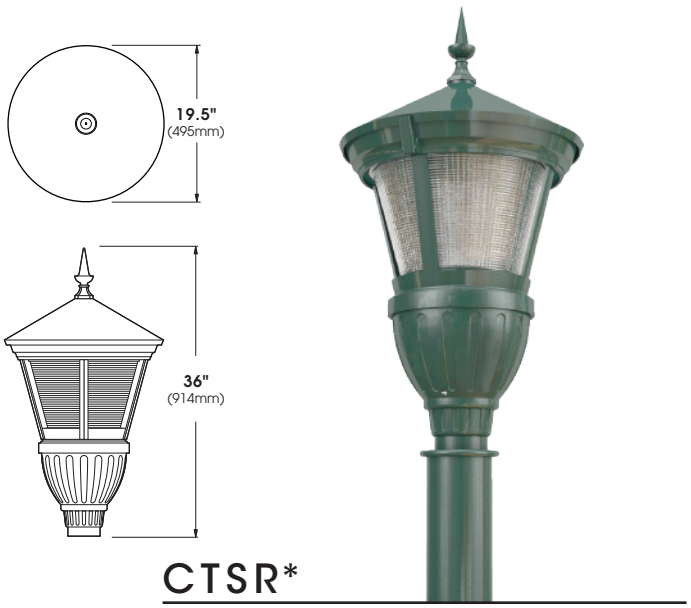
FINISH
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.



CTSN*

*SHOWN WITH **-UB** FITTER

PATENT PENDING



CTSR*

*SHOWN WITH **-UA** FITTER

PATENT PENDING

U.L. Listed for wet location

MADE IN THE USA

2013135

Sun Valley Lighting

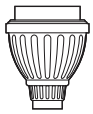
660 West Avenue O, Palmdale, CA 93551
Phone (661) 233-2000 Fax (661) 233-2001
www.usaltg.com

SUN VALLEY LIGHTING

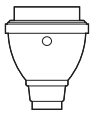
CTS SERIES - LED

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

OPTIONAL FITTERS



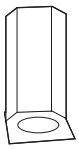
UA



UB

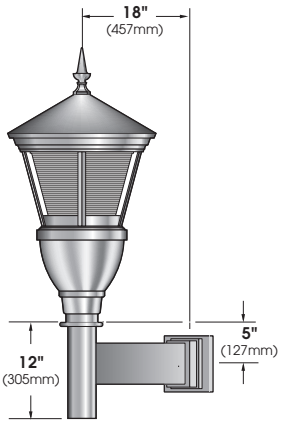
ACCESSORIES

HOUSE SIDE SHIELD 90˚, 180˚



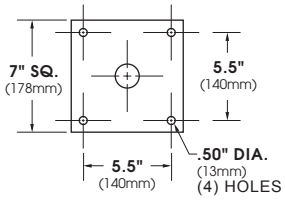
HS90˚
HS180˚

WALL MOUNT

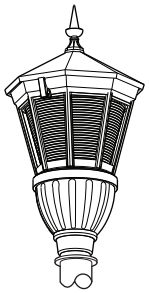


EXTRUDED ALUMINUM ARM BRACKET AND CAST ALUMINUM WALL BRACKET ASSEMBLY PROVIDED WITH BUILT IN GASKETED WIRE ACCESS FOR FIXTURE/SUPPLY WIRE CONNECTION.

WALL PLATE

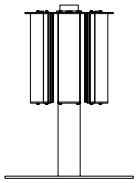


LED POWER ARRAY™ MODULES

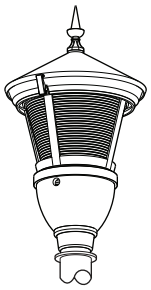


CTSN-LED E.P.A.= 1.68

Available in:
8 Array 64 LED Max.
10 Array 80 LED Max



VPA - Vertical Array



CTSR-LED E.P.A.= 1.68

Available in:
8 Array 64 LED Max.
10 Array 80 LED Max.

PATENT PENDING

O R D E R I N G I N F O R M A T I O N

LUMINAIRE	OPTICS	# of LED's	COLOR	VOLTAGE	MOUNTING	FINISH	OPTIONS

LUMINAIRE

LUMINAIRE

- ☐ **CTSN-UA-LED**
- ☐ **CTSN-UB-LED**
- ☐ **CTSR-UA-LED**
- ☐ **CTSR-UB-LED**

OPTICS

VERTICAL POWER ARRAY
(CLEAR PRISMATIC GLOBE)

- ☐ **VPA - III** .....
- ☐ **VPA - V** .....

LED

# of LEDs

- ☐ **80LED** (90 Watts)
- ☐ **64LED** (71 Watts)
- ☐ **48LED** (53 Watts)
- ☐ **36LED** (41 Watts)

Wattages are Max Input Watts

COLOR

- ☐ **NW (4000K)*** *STANDARD
- ☐ **CW (5000K)**
- ☐ **WW (3000K)**

OTHER LED COLORS AVAILABLE CONSULT FACTORY

VOLTAGE

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

MOUNTING

ARM MOUNT

- ☐ **1** .....
- ☐ **2-180** .....
- ☐ **2-90** .....
- ☐ **3-90** .....
- ☐ **3-120** .....
- ☐ **4-90** .....

WALL MOUNT

- ☐ **WM** .....

POST TOP

- ☐ **PT** .....

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 REMOVE SUFFIX "T" (EXAMPLE: RAL-9500)

SEE USALTG.COM FOR ADDITIONAL COLORS

OPTIONS

- ☐ HOUSE SIDE SHIELD. . . **HS**
- ☐ DIMMABLE DRIVER(S) (0-10V). . . . . **DIM**
- ☐ HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR . . . . . **HLSW**
- ☐ TWIST LOCK PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) . . . . **TP+V**
- ☐ PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) . . . . **PC+V**
- ☐ 10KV SURGE PROTECTOR. **10SP**
- ☐ 20KV SURGE PROTECTOR (277V & 480V Only) **20SP**

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