

SOLID STATE LIGHTING

TSU WALLMOUNT LED

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

HOUSING

Heavy cast low copper aluminum assembly (A356 alloy, <.2% copper) minimum wall thickness .188" with integral cooling ribs surrounding the electrical compartment. The optical and electrical compartments are integrated with the support arm to create one assembly. Minimum wall thickness is ¼". Cast and hinged driver compartment cover is integrated with wiring compartment cover.

✓LED[®] OPTICAL MODULE

Low copper A356 alloy (<.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. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Each emitter is optically controlled by a Reflector-Prism injection molded from H12 acrylic (3 types per module; one from 0° - 50°; one from 50° - 65°; one from 65° - 72°). 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 every Reflector-Prism over an emitter. Reflector-Prisms are secured to the optical plate with a UV curing adhesive. The Reflector-Prisms are arrayed to produce IES Type II, IES Type III, IES Type IV, and IES Type 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 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.

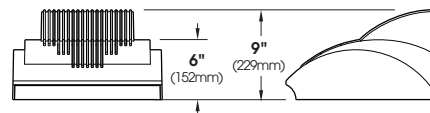
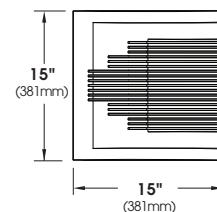
PROJECT NAME: _____

PROJECT TYPE: _____



TSU - W M

PATENT PENDING



 Light Pollution Control Classification System
Full cutoff 0%Uplight Luminaire

 U.L. Listed for
wet location

MADE IN THE


2013149

U.S. Architectural Lighting

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

U.S. ARCHITECTURAL


TSUNAMI WALLMOUNT - LED

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

OVERVIEW

PRECISE CAST ALUMINUM LED MODULE. HOUSING IS VENTED TO PROVIDE AIR FLOW FOR THERMAL MANAGEMENT.

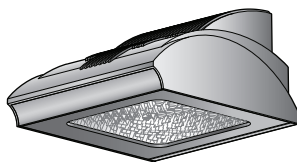
SELF CONTAINED, LENSED LED MODULE.

PROPRIETARY LED OPTICS SEALED IN LED MODULE.

LUXEON® REBEL LED EMITTERS.

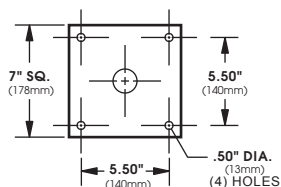
LED DRIVER ACCEPTS FROM 100-277 VAC INPUT VOLTAGE.

WALL MOUNT

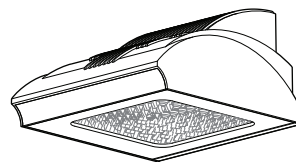


EXTRUDED ALUMINUM ARM AND CAST ALUMINUM WALL BRACKET ASSEMBLY PROVIDED WITH BUILT IN GASKETED WIRE ACCESS FOR FIXTURE/SUPPLY WIRE CONNECTION.

WALL PLATE

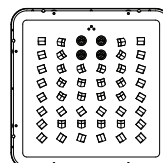


VLED® MODULE

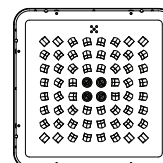


TSU-WM-VLED E.P.A.= .94

Available in:
48 LED Module
64 LED Module



48 LED Module*






64 LED Module**

* Module shown depicts a typical Type V light distribution Reflector-Prism pattern.

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

MODEL	OPTICS	LED	COLOR	MOUNTING	FINISH	OPTIONS
MODEL	OPTICS	VLED® MODE		MOUNTING	FINISH	OPTIONS
LUMINAIRE	HORIZONTAL LAMP REFLECTORS	LED		WALL MOUNT	STANDARD TEXTURED FINISH	
<input type="checkbox"/> TSU-WM-VLED	<input type="checkbox"/> TYPE II  <input type="checkbox"/> TYPE III  <input type="checkbox"/> TYPE IV (FORWARD THROW) 	TSUM <input type="checkbox"/> 64LED (72 Watts) <input type="checkbox"/> 48LED (55 Watts)	COLOR <input type="checkbox"/> *NW - NEUTRAL WHITE (4100K) <small>*STANDARD</small> <input type="checkbox"/> CW - COOL WHITE (5300K) <small>OTHER LED COLORS AVAILABLE CONSULT FACTORY</small>	<input type="checkbox"/> WM	<input type="checkbox"/> BLACK RAL-9005-T <input type="checkbox"/> WHITE RAL-9003-T <input type="checkbox"/> GREY RAL-7004-T <input type="checkbox"/> DARK BRONZE RAL-8019-T <input type="checkbox"/> GREEN RAL-6005-T <small>FOR SMOOTH FINISH REMOVE SUFFIX "T" (EXAMPLE: RAL-9005)</small>	<input type="checkbox"/> INTERNAL HOUSE SIDE SHIELDS... HS <input type="checkbox"/> DIMMABLE DRIVER(S) (0-10V)... DIM <input type="checkbox"/> HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR... HLSW <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V)... PC+V <input type="checkbox"/> TWIST LOCK PHOTOCELL +VOLTAGE... TPC+V <input type="checkbox"/> TWIST LOCK PHOTOCELL RECEPTACLE ONLY... TPR <input type="checkbox"/> 10KV SURGE PROTECTOR... 10SP <input type="checkbox"/> 20KV SURGE PROTECTOR (277V & 480V Only)... 20SP
		VOLTAGE <input type="checkbox"/> 120-277V <input type="checkbox"/> 347-480V			LATCH COLOR <input type="checkbox"/> CHROME LC <input type="checkbox"/> BLACK LB	