

SOLID STATE AREA LIGHTING

MURALUX[®] SERIES-LED

SPECIFICATIONS

HOUSING AND LENS FRAME

One-piece precision cast aluminum (A360 alloy; <0.6% copper) construction with integral cooling ribs on housing and backplate. Captive stainless steel screws provide positive locking and sealing of lens frame by a one piece extruded EPDM gasket with ends fused to form a continuous loop. A clear 3/16" thick tempered glass lens is retained by stainless steel clips with full silicone gasketing around the perimeter. Lens is completely concealed from view above horizontal when aimed down.

DOWNLIGHT - LED[™] OPTICAL MODULE

Optical Module consists of a clear, linen-textured lens, solid-state emitters (LED's) and emitter Reflector-Prism optics, sealed from water intrusion and environmental contaminants. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K) and are mounted to a cast plate with integral heat sink fins. Each emitter is optically controlled by a Reflector-Prism injection molded from H12 acrylic (3 types per module). Each Reflector-Prism has indexing pins for aiming and is secured to an optical plate made of matte black anodized aluminum that locates a Reflector-Prism over each emitter. The Reflector-Prisms are arrayed to produce an asymmetric distribution (Type II, Type III, Type IV).

UPLIGHT OPTICS

Beam - Bi-convex lens provides laser beam control (less than 6° spread).

Flood - For general illumination. Provides a medium flood pattern (92° spread maximum).

UPLIGHT LED MODULE

LED Tube 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.

LED DRIVER(s)

Drivers are UL and cUL recognized mounted on a single plate and factory wired with quick-disconnect. Constant current drivers are electronic and have a power factor of >.90 and a minimum operating temperature of - 40°F. Drivers accept an input of 120-277V, 50/60Hz. (Consult factory for dimming applications.)

FINISH

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

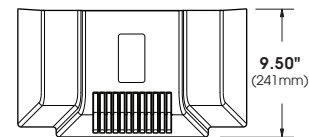
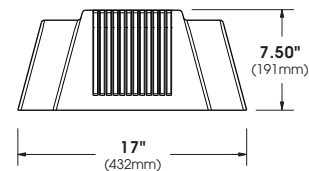
PROJECT NAME: _____

FIXTURE TYPE: _____

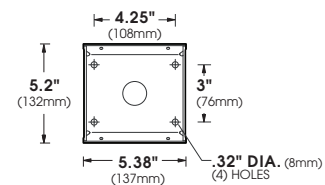


MLXT

PATENT PENDING



Mounting Bracket



 Light Pollution Control Classification System
Full cutoff 0% Uplight Luminaire

MADE IN THE
USA

2014104

U.S. Architectural Lighting

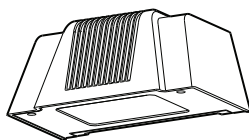
660 West Avenue O, Palmdale, CA 93551
Phone (661) 233-2000 Fax (661) 233-2001
www.usallg.com

U.S. ARCHITECTURAL
LIGHTING

MURALUX SERIES - LED

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

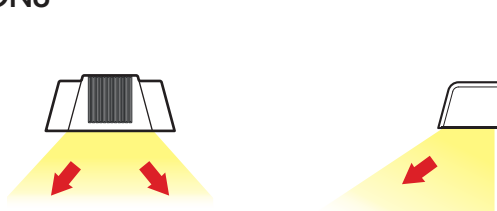
OPTICAL CONFIGURATIONS



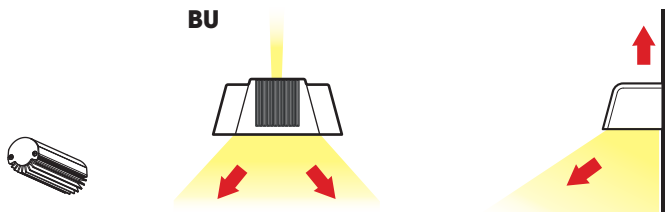
MLXT
Available in:
28LED Max.



24 LED Module

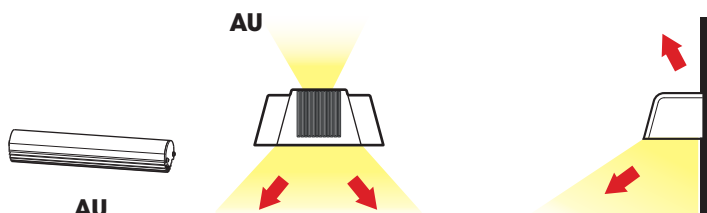


Area Down (Standard)



BU
LED Module
4LED Max.

Beam Up Area Down









AU
LED Module
4LED Max.

Flood Up Area Down

Spec/Ordering Example: MLXT-BU/VLED-IV/28LED-NW/120/RAL-9003-S/PC120

S P E C / O R D E R I N G I N F O R M A T I O N

MODEL	AREA DOWN OPTICS	# of LED's	COLOR TEMP - CCT	VOLTAGE	FINISH	OPTIONS
<input type="checkbox"/> MLXT  Area Down	<input checked="" type="checkbox"/> VLED® <input type="checkbox"/> TYPE II VLED II  <input type="checkbox"/> TYPE III VLED III  <input type="checkbox"/> TYPE IV VLED IV  (FORWARD THROW)	No. LEDs MLXT <input type="checkbox"/> 24LED (28 Watts)	COLOR TEMP - CCT <input type="checkbox"/> NW (4000K)* *STANDARD <input type="checkbox"/> CW (5000K) <input type="checkbox"/> WW (3000K) OTHER LED COLORS AVAILABLE CONSULT FACTORY	VOLTAGE <input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277 <input type="checkbox"/> 347 <input type="checkbox"/> 480	STANDARD TEXTURED FINISH <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 FOR SMOOTH FINISH REPLACE SUFFIX "-T" WITH "-S" (EXAMPLE: RAL-9005-S) CONSULT FACTORY FOR CUSTOM COLORS	<input type="checkbox"/> CLEAR POLYCARBONATE DIFFUSER LEX <input type="checkbox"/> WALL SIDE GLARE SHIELD GS <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) .. PC+V <input type="checkbox"/> SINGLE FUSED (120V., 277V) .. SF <input type="checkbox"/> DOUBLE FUSE (208V., 240V) .. DF
<input type="checkbox"/> MLXT - BU  Beam Up Area Down		MLXT-BU & -AU <input type="checkbox"/> 28LED (32 Watts)				
<input type="checkbox"/> MLXT - AU  Flood Up Area Down						