

AREA & ROADWAY LIGHTING

CMP SERIES - VLED

Housing

Durable corrosion resistant cast aluminum housing. Top is hinged for access. Luminaire base has 3" I.D. opening for tenon. All hardware is stainless steel.

VLED® 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, 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 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

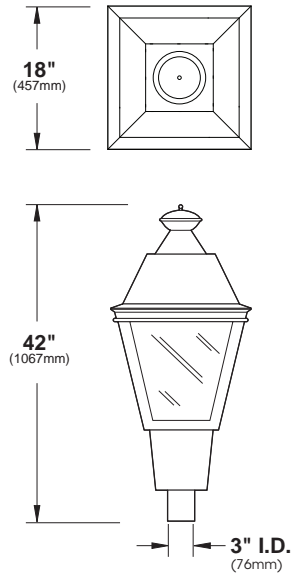
UL and CUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for 347-480VAC. Driver is mechanically fastened to a retaining bracket. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimming and High-Low Driver options available.

Finish

Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.


CMP

(CMPN model shown)



BABA compliant



U.L. Listed for Wet Location

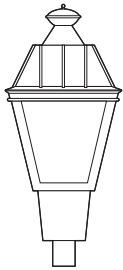
2023354

SPECIFICATIONS

OPTIONAL STYLES

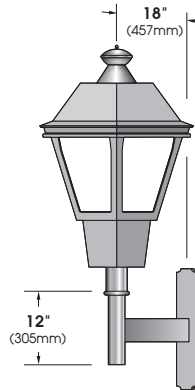


CMPN



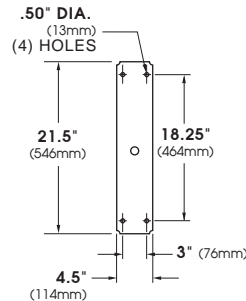
CMPL

WALL MOUNT

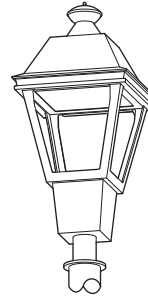


Arm Bracket extruded and cast aluminum construction.

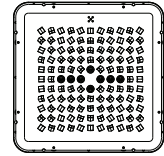
WALL PLATE



LED POWER ARRAY™ MODULES



CMP-LED E.P.A. = 3.15
Available in:
120, 100, 80, & 64
LED Module



120 LED Module

ORDERING INFORMATION

Spec/Order Example: CMPN/VLED-II/64LED/40K/UNV/WM/RAL-7005-T/HS

| Luminaire | Optics | # of LED's | Color | Voltage | Mounting | Finish | Options |
|-----------------------------------|---------------------------------------|---------------------------------|---|---|--------------------------------|---|--|
| Luminaire | Optics | LED | | | Mounting | Finish | Options |
| | VLED® IES Distribution Type | No. LEDs | Color | Voltage | Arm Mount | Standard Textured Finish | |
| <input type="checkbox"/> CMPN-LED | <input type="checkbox"/> VLED - II | <input type="checkbox"/> 120LED | <input type="checkbox"/> NW (4000K)* *STANDARD | <input type="checkbox"/> UNV (120-277) | <input type="checkbox"/> 1 | <input type="checkbox"/> Black RAL-9005-T | <input type="checkbox"/> Internal House Side Shield HS |
| <input type="checkbox"/> CMPL-LED | <input type="checkbox"/> VLED - III | <input type="checkbox"/> 100LED | <input type="checkbox"/> CW (5000K) | <input type="checkbox"/> 347 | <input type="checkbox"/> 2-180 | <input type="checkbox"/> White RAL-9003-T | <input type="checkbox"/> External House Side Shield EHS |
| | <input type="checkbox"/> VLED - IV | <input type="checkbox"/> 80LED | <input type="checkbox"/> WW (3000K) | <input type="checkbox"/> 480 | <input type="checkbox"/> 2-90 | <input type="checkbox"/> Grey RAL-7004-T | <input type="checkbox"/> Dimmable Driver(s) (0-10V) DIM |
| | <input type="checkbox"/> VLED - VSQ | <input type="checkbox"/> 64LED | Other LED Colors Available Consult Factory | | <input type="checkbox"/> 3-90 | <input type="checkbox"/> Dark Bronze RAL-8019-T | <input type="checkbox"/> High-Low Dimming for Switch (BY OTHERS) Select 25/100 Or 50/100 (EX HLSW25) HLSW** |
| | | | | | <input type="checkbox"/> 3-120 | <input type="checkbox"/> Green RAL-6005-T | <input type="checkbox"/> Mini-Button Photocell + Voltage PC+V |
| | | | | | <input type="checkbox"/> 4-90 | Premium Finishes | <input type="checkbox"/> 10KV Surge Protector 10SP |
| | | | | | <input type="checkbox"/> WM | <input type="checkbox"/> Rust <input type="checkbox"/> Patina Copper PC | <input type="checkbox"/> 20KV Surge Protector (277V & 480V Only) 20SP |
| | | | | | <input type="checkbox"/> PT | For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S) Consult factory for custom colors | |