



BEACON
design . performance . technology

cadet

LED FLOODLIGHT



The Cadet Luminaire is a high performance LED energy and maintenance lighting solution, designed with optical versatility. Markets Include: Flags, Columns, Statues, Security, Building Floodlighting and Landscapes. The Cadet LED Luminaire is intended to be used to reduce energy and maintenance associated with legacy HID lighting technology.



LED BEZEL cartridge bezel system

The Cadet bezel lets you easily change the fixture output directly in the field to four different nominal levels: 100%, 75%, 50%, and 25%. This technology gives you the ability to fine tune energy conservation and lighting layout in the field and adjust to various conditions as needed.

The housing and electrical compartment are made from die cast aluminum that is pre-treated and powder-coated to meet the most rugged industry standards. The finish is corrosion resistant to meet ASTM B-117, resists cracking or loss of adhesion per ASTM D522, resists surface impacts of up to 160 inch-pound. All external hardware is corrosion resistant.

A thermal circuit, LIFESHIELD™, protects the luminaire from excessive temperature by interfacing with the 0-10V dimmable drivers to reduce drive current as necessary.





CADET LED FLOODLIGHT

CDT	24NB-55			UNV			
MODEL CDT Cadet	CCT-COLOR TEMP 5K 5000° K (std.) 4K 4000° K 3K 3000° K	OPTICS 2×2 Narrow Spot 4×4 Narrow Flood 5×5 Medium Flood 6×6 Wide Flood 5×3 Horizontal Flood 3×5 Vertical Flood	VOLTAGE UNV 120-277V	ACCESSORIES HV Half Visor FV Full Visor	ENGINE-WATTS 24NB-55 55 Watts	MOUNTING OPTIONS YK Yoke Mount (std.) AJ Architectural Junction Box BX Brass Junction Box WA Wall & Ceiling Adaptor GS Ground Stake PA Cast Post-Top Adaptor TS Tree Strap 12NA ½" NPT Adaptor (std.) 34NA ¾" NPT Adaptor (std.)	COLOR BBT Basic Black Textured BMT Black Matte Textured WHT White Textured MBT Metallic Bronze Textured BZT Bronze Textured GYS Gray Smooth DPS Dark Platinum Smooth GNT Green Textured MST Metallic Silver Textured MTT Metallic Titanium Textured OWI Old World Iron _RAL



LIFESHIELD™

thermal regulation circuit

Ambient temperatures in which outdoor luminaires operate differ widely because of geographic and climatic variations. Because of this, LED luminaires may be subjected to temperatures in excess of their rated operating temperatures. Beacon Products has developed a circuit that counters this damaging effect by controlling drive current to the LEDs and when necessary, reduces that current (using a dimming driver) to ensure the maximum operating temperature of the LED itself is not exceeded.

- Extremely Accurate
- Controls total power at the LED
- Prevents premature failure of LED caused by "Day-Burners"
- Assures Maximum Life of the LED
- Low Power Consumption
- Geographically compatible

