

SYSTEM BNP

Standard-Output Ballast-Operated Cold Cathode

Application: Colored Uplighting



Muvico Theaters • Glen Burnie, MD
Architect: Development Design
Lighting Design: Grenald Waldron

Photo: Eric Long

A single row of curved deep-blue and canary-yellow lamps provide uplighting for these Egyptian-themed columns. The requirement for individual control of each column and each color within the column made this system the perfect choice for this application.



8020 Queenair Drive, Gaithersburg, MD 20879 • ph: 301 921 4120 • fax: 301 963 3050
e-mail: info@CathodeLightingSystems.com • website: www.CathodeLightingSystems.com

© 2002 Cathode Lighting Systems Inc.



SYSTEM BNP

Standard-Output Ballast-Operated Cold Cathode

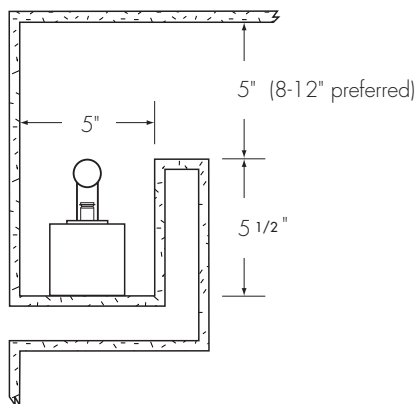
Details from application photo on reverse

SYSTEM INFORMATION

- 25mm triphosphor lamps
- Lamps can be fabricated in a wide variety of shapes and curvatures to perfectly and seamlessly illuminate almost any architectural application
- Lamps are available in a wide array of white hues, pastels, and vibrant neon colors
- Dimmable to 20% without flicker
- Lamp operating current is 100 milliamps
- Light output up to 386 lumens per foot (approximately 60% of T-8 fluorescent)
- Virtually maintenance free, lamp life is 50,000 hours +
- Low power consumption: 7.5 watts per foot in energy costs
- Each ballast operates one lamp up to 7.5 feet long, in a parallel electrical circuit
- Ballasts can be remotely located up to 55 feet from the lamps
- Primary voltages available: 120 volts 60 Hz
- Ballast secondary voltage: 900 volts
- System has a circuit-interrupting function. When a lamp is removed, the ballast is de-energized.
- **cUL US LISTED** for residential and commercial interior dry locations

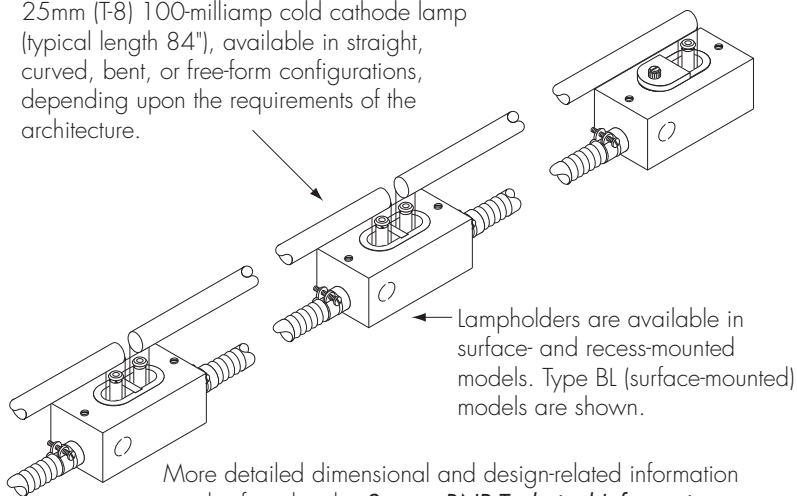
COVE PROFILE

BL (surface-mounted) lampholder mounted to a horizontal surface



TYPICAL SYSTEM DETAIL

25mm (T-8) 100-milliamp cold cathode lamp (typical length 84"), available in straight, curved, bent, or free-form configurations, depending upon the requirements of the architecture.



Drawings not to scale