

## HPB Specification – Commercial Application (Non Dimming)

### Lamps:

25mm diameter with 19mm ferrule caps, tri-phosphor coated, bombarded at 1500mA, oven processed electrodes with liquid nitrogen bath, relay aged, radio frequency induced, and silicon coated to extend the useful life exceeding 30,000 hours producing **617 lumens P.L.F.** while operating on a **HPB Powersource.**

### Lampholders: RB – Surface, RRB – Recessed or SE – Low Profile

Type (**insert lampholder choice from above**) must meet powersource requirements and overall height and width restrictions.

### Powersource:

Shall meet the above lumen requirements, will be located in an accessible ventilated area not exceeding 100°F/38°C with air circulation on all sides to dissipate 300 watts and in complete compliance of IFAY and Article 410 of the N.E.C.

### Shop Drawings:

Will be issued in CAD format showing bill of materials, installation procedures, wiring diagrams, footage for each area and IFAY's seven-digit code number. It is the installing contractor's responsibility to supply as-built dimensions and patterns if required.

### Manufacturer: National Cathode Corp. (N.C.C.)

269 Essex Street  
Hackensack, NJ 07601

Warranty: Two (2) years for entire system with an additional eight (8) years on all powersources (2 and 10).



269 Essex Street, Hackensack, NJ 07601  
Toll Free: (800) 926-5322  
Telephone: (201) 457-9770  
Fax: (201) 457-9775  
E-Mail: sales@nationalcathode.com