

PART 1 - GENERAL

1.1 PRODUCT DATA

- .1 Submit product data in accordance with Section 26 05 01 - Common Work Results - Electrical.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Fluorescent ballast: CBM and CSA certified, energy efficient type, IC electronic.
1. Rating: voltage as indicated, for use with 2-32W, instant start lamps.
  2. RFI/EMI suppression circuit to: FCC (CFR47) Part 18, sub-part C, Class A and Part 15, sub-part B, Class B.
  3. Totally encased and designed for 40NC ambient temperature.
  4. Power factor: minimum 98% with 95% of rated lamp lumens.
  5. Crest factor: 1.7 maximum current, 2.0 maximum voltage.
  6. Capacitor: thermally protected.
  7. Thermal protection: non-resettable on coil.
  8. Harmonics: 10% maximum THD, including 49th for electronic discrete and hybrid ballasts.
  9. Operating frequency of electronic ballast: standard.
  10. Total Circuit Power: as indicated.
  11. Ballast Factor: greater than 0.90.
  12. Sound rated: Class A.
  13. Mounting: remote or integral with luminaire.
  14. Ballasts that operate as a parallel circuit shall allow remaining lamps to maintain full output if one lamp fails. Maximum 2 lamps per ballast.
  15. Ballast warranty: three (3) years including labour replacement.
- .2 High Pressure Sodium:
1. Rating: voltage as indicated, for use with, wattage as indicated, high pressure sodium lamp.
  2. Totally encased and designed for 40°C ambient temperature.
  3. Power factor: minimum 95% with 95% of

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- rated lamp lumens.
- 4. Type: reactor with matching ignitor as recommended by manufacturer.
- 5. Input voltage range: plus or minus 10% of nominal.
- 6. Minimum starting temperature: minus 29°C at 90% line voltage.
- 7. Mounting: integral with luminaire.
- 8. Crest factor: 1.8 maximum current, 2.0 maximum voltage.
- 9. Ballast warranty: five (5) years including labour replacement.

PART 3 - EXECUTION

NOT APPLICABLE TO THIS SECTION