

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 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