

PART 1 **GENERAL**

1.1 **PRODUCT DATA**

- .1 Submit product data in accordance with Section 26 05 01 – Common Work Requirements – 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, subpart C, Class A and Part 15, subpart 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.

PART 3 **EXECUTION**

NOT APPLICABLE TO THIS SECTION