

Information Bulletin

Landscape Lighting



Field installed extra low voltage landscape lighting and wiring requires an electrical permit and the permit must be obtained prior to the commencement of work.

The Winnipeg Electrical By-law (winnipeg.ca/ppd/InfoCentre/Electrical/default.stm) exempts specific installations from requiring a permit, as stated in Subrule 2-004 2), but landscape lighting installations are not included and therefore require a permit. Plug in extra low voltage lighting kits that are approved for use in Canada will not require a permit provided the equipment is not modified.

Under the conditions of the By-law, where field installed wiring and electrical equipment is installed for extra low voltage installations ($\leq 30\text{ V}$ and $\leq 1000\text{ V A}$), Section 16 of the Winnipeg Electrical By-law applies. This includes the trench depth requirements of Table 53, shown below, as stated in Rule 16-226.

Table 53
Minimum cover requirements for direct buried cables
or insulated conductors in raceways
(See Rule 12-012.)

Wiring method	Minimum cover, mm			
	Non-vehicular areas		Vehicular areas	
	750 V or less	Over 750 V	750 V or less	Over 750 V
Cable not having a metal sheath or armour	600	750	900	1000
Cable having a metal sheath or armour	450	750	600	1000
Raceway	450	750	600	1000

Note: Minimum cover means the distance between the top surface of the conductor, cable, or raceway and the finished grade.