

ELECTRICAL INSPECTION BULLETIN	Bulletin no.	84-165-3-2
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This bulletin applies to LED lamps and all other retrofitted luminaire installations.



Retrofit kit: A general term for a complete assembly of parts and devices for field conversion of original parts.

Approved retrofit kit: A kit certified to applicable Canadian standards by an accredited agency.

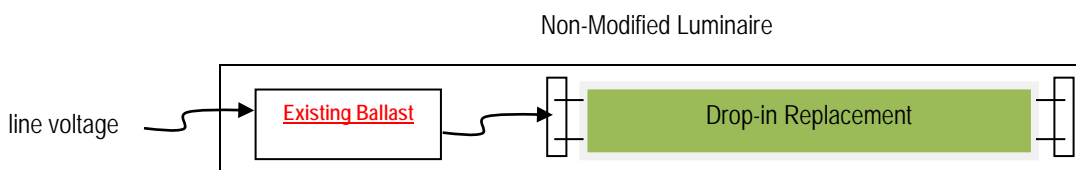
Retrofitted luminaire: A luminaire that is being modified or altered from its original approved configuration with a retrofit assembly. This may involve removal or replacement of luminaire components such as lampholders, ballast or power supply.

The following direction is provided to ensure safe and acceptable retrofit installations in N.B. All installations must meet the minimum requirements of the Canadian Electrical Code and Regulation 84-165.

Drop-in Replacement

Approved lamps that are designed as drop-in replacements are permitted without re-approval of the fixture provided that the lamp is approved for the ballast and that no modifications are required to the original luminaire

Wiring permits are not required for this type of installation.



example only

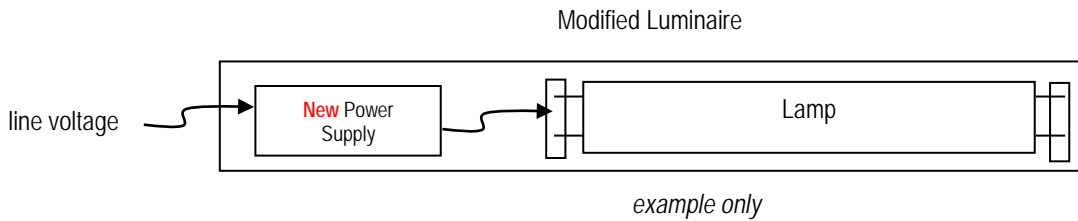
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Luminaires Retrofitted with Approved Retrofit Kits

Retrofit installations using lamps with external matching power supply and components sold as an approved retrofit kit are permitted and do not require field evaluation.

If an approved retrofit kit is **not** used, all retrofitted luminaires are required to be re-approved.

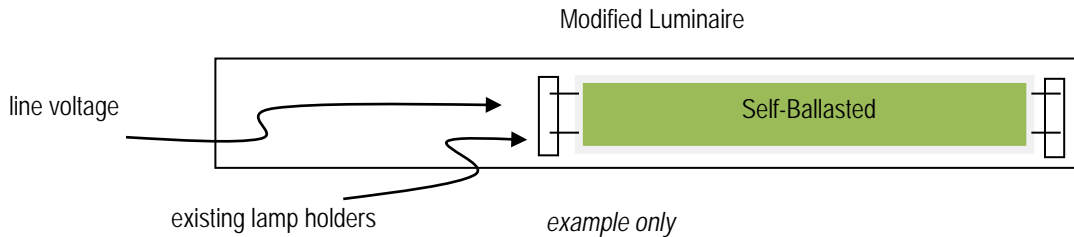
Wiring permit is required for this type of installation.



Luminaires Retrofitted with Self-Ballasted Lamps

Retrofit installations using approved lamps equipped with an integrated power supply for direct connection to line voltage shall be re-approved. When multiple luminaires are to be retrofitted one sample of the retrofitted luminaire needs to be field evaluated.

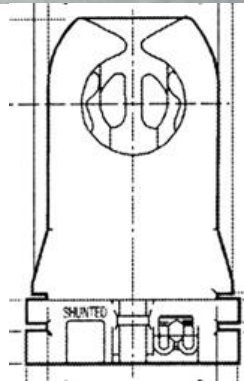
Wiring permit is required for this type of installation.



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All retrofit kits and retrofitted luminaires shall have new labels installed and supplied by the manufacturer on the luminaires and all installation instruction by the manufacturer shall be followed.

Note: Do not install retrofit kits in luminaires employing shunted bi-pin lampholders.



example only

Bulletin No.: 84-165-3-2		Reviewed by:	Grady Briggs <i>Grady Briggs</i>	Date February 1 st , 2020
Prepared by:	Pierre Daigle <i>Pierre Daigle</i>	Date February 1 st , 2020	Approved by:	Pierre Daigle <i>Pierre Daigle</i>
				Date June 1 st , 2020