

5W LED Light ENGINE

with Frosted Glass Cover

VEROBOARD

Model: VBD-TR5-W

Input: 12V DC 5W

VEROBOARD®

For Light Fixture Trims

- Use only with Class 2 power unit
- Type IC inherently protected
- Suitable for damp locations

⚠ Attention: This product must be installed by a certified electrician.

WARNING

- Risk of fire or electric shock. / Risque d'incendie ou d'électrocution.
- To prevent wiring damage or abrasion, do not expose wiring to the edges of the sheet metal or any other sharp object. / Pour éviter d'endommager le câblage ou de l'abrasion, n'exposez pas le câblage aux bords de la tôle ou à tout autre objet pointu.
- For your safety, read and understand the instructions completely before starting installation. Before wiring to power supply or secondary devices, turn off electricity at the fuse or circuit breaker box. / Pour votre sécurité, lisez et comprenez complètement les instructions avant de commencer l'installation. Avant de câbler l'alimentation électrique ou les appareils secondaires, coupez l'électricité au niveau de la boîte à fusibles ou du disjoncteur.
- Refer to NEC article 411. / Reportez-vous à l'article 411 du NEC.

This Type IC LED light engine is designed for direct contact with insulation materials which are approved for this application. Light engine may also be used in non-insulated spaces. / Ce générateur d'éclairage LED de type IC est conçu pour un contact direct avec des matériaux isolants approuvés pour cette application. Le moteur léger peut également être utilisé dans des espaces non isolés.

ATTENTION

- Assemble the VBD-TR5-W model with Veroboard's trims only.
- Vapor barrier must be suitable for 90° C.
- Replace with VBD-TR5-W

Installation Instructions

Step 1. The LED light engine is intended for use with any 12V DC Class 2 transformer. Note: These LED light engines consume 5W per light. Refer to minimum loading requirements of transformer selected to ensure proper operation of LED light engines.

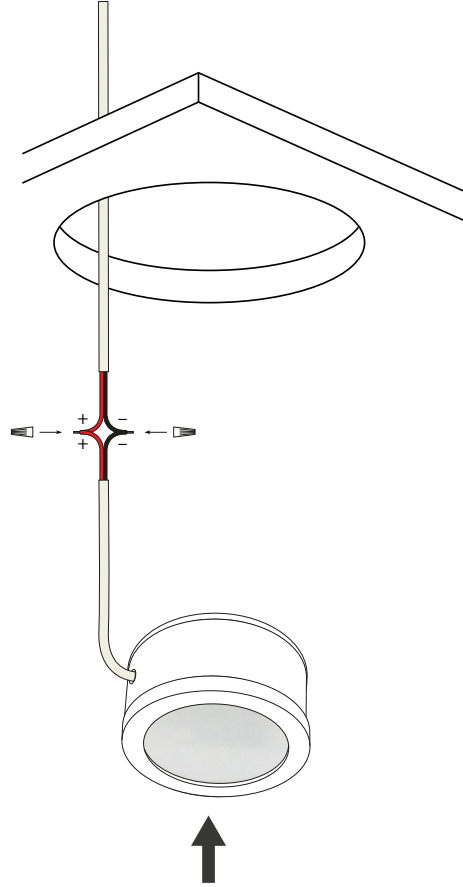
Make certain power delivered to LED light engine does not exceed 12V DC. Follow all local & national electrical codes for wiring from the transformer to the LED light engine, or from light engine to light engine if daisy-chaining (Refer to wiring diagram).

Step 2. Cut the appropriate size circular opening in mounting surface using a hole saw or other method (Depends on selected fixture trim size).

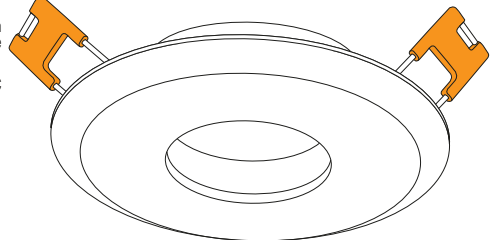
Step 3. Insert the LED light engine into the fixture trim.

Step 4. Route Class 2 wiring from the secondary side of the transformer through the opening in the mounting surface. Class 2 (CL2) cable or equivalent code compliant wiring is required.

Step 5. LED light engine may also be daisy-chained by routing Class 2 12V DC wiring from light engine to light engine (Refer to wiring diagram).



ATTN: Assemble the VBD-TR5-W model with Veroboard's trims only.



Your selected fixture trim
(Sold separately)

Conforms to UL 2108

Certified to CSA C22.2 #250.2



4W LED Light ENGINE

with Frosted Glass Cover

VEROBOARD


Model: VBD-TR4-RGBW

Input: 12V DC 4W

VEROBOARD®

For Light Fixture Trims

- Use only with Class 2 power unit
- Type IC inherently protected
- Suitable for damp locations

 **Attention:** This product must be installed by a certified electrician.

WARNING

- Risk of fire or electric shock. / Risque d'incendie ou d'électrocution.
- To prevent wiring damage or abrasion, do not expose wiring to the edges of the sheet metal or any other sharp object. / Pour éviter d'endommager le câblage ou de l'abrasion, n'exposez pas le câblage aux bords de la tôle ou à tout autre objet pointu.
- For your safety, read and understand the instructions completely before starting installation. Before wiring to power supply or secondary devices, turn off electricity at the fuse or circuit breaker box. / Pour votre sécurité, lisez et comprenez complètement les instructions avant de commencer l'installation. Avant de câbler l'alimentation électrique ou les appareils secondaires, coupez l'électricité au niveau de la boîte à fusibles ou du disjoncteur.
- Refer to NEC article 411. / Reportez-vous à l'article 411 du NEC.

This Type IC LED light engine is designed for direct contact with insulation materials which are approved for this application. Light engine may also be used in non-insulated spaces. / Ce générateur d'éclairage LED de type IC est conçu pour un contact direct avec des matériaux isolants approuvés pour cette application. Le moteur léger peut également être utilisé dans des espaces non isolés.

ATTENTION

- Assemble the VBD-TR4-RGBW model with Veroboard's trims only.
- Vapor barrier must be suitable for 90° C.
- Replace with VBD-TR4-RGBW

Installation Instructions

Step 1. The LED light engine is intended for use with any 12V DC Class 2 transformer. **Note:** These LED light engines consume 4W per light. Refer to minimum loading requirements of transformer selected to ensure proper operation of LED light engines.

Make certain power delivered to LED light engine does not exceed 12V DC. Follow all local & national electrical codes for wiring from the transformer to the LED light engine, or from light engine to light engine if daisy-chaining (Refer to wiring diagram).

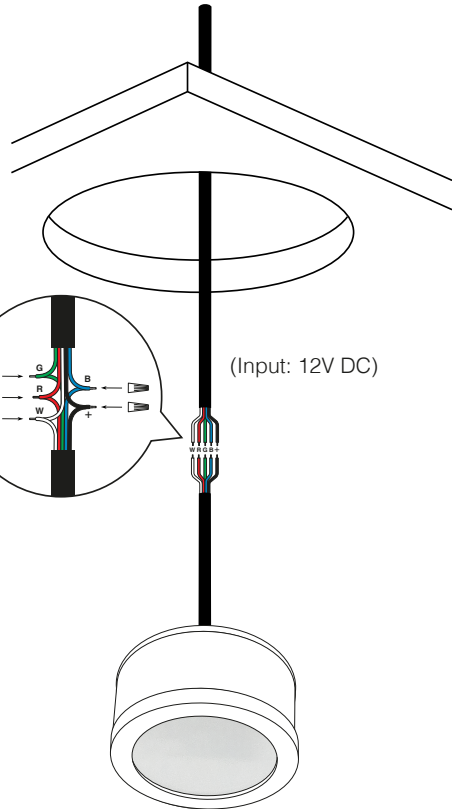
Step 2. Cut the appropriate size circular opening in mounting surface using a hole saw or other method (Depends on selected fixture trim size).

Step 3. Insert the LED light engine into the fixture trim.

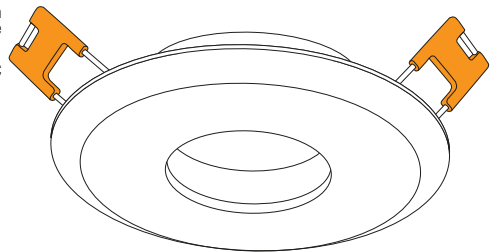
Step 4. Route Class 2 wiring from the secondary side of the transformer through the opening in the mounting surface. Class 2 (CL2) cable or equivalent code compliant wiring is required.

Step 5. LED light engine may also be daisy-chained by routing Class 2 12V DC wiring from light engine to light engine (Refer to wiring diagram).

Wire Color Code	Light Color
BLACK	+Positive 12V
WHITE	Warm White 3200K
RED	Red
GREEN	Green
BLUE	Blue



ATTN: Assemble the VBD-TR4-RGBW model with Veroboard's trims only.



Your selected fixture trim
(Sold separately)

Conforms to UL 2108

Certified to CSA C22.2 #250.2

