



**Trex** RainEscape®  
DECK DRAINAGE SYSTEM

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## **SECTION 26 55 00**

### **Special Purpose Lighting – TREX® RainEscape® Soffit Lights**

TREX® RainEscape® products are manufactured and sold by IBP, LLC under a Trademark License Agreement with Trex Company, Inc. RainEscape® is a federally registered trademark of IBP, LLC.

The unique TREX® RainEscape® under-deck drainage system keeps rain, spills, and snow melt from dripping through the decking boards above, creating a dry area below.

#### **PART 1 GENERAL**

##### **1.1 SECTION INCLUDES**

- A. Under-Deck, Directional LED Soffit Light

##### **1.2 RELATED SECTIONS**

- A. Section 06 10 00 – Rough Carpentry
- B. Section 06 11 00 – Wood Framing
- C. Section 26 55 00 – Special Purpose Lighting

##### **1.3 SUBMITTALS**

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
- C. Shop Drawings: Submit shop drawings including details of construction and relationship with adjacent construction.
- D. Verification Samples: For each finish product specified, two samples, representing actual product and color.

##### **1.4 QUALITY ASSURANCE**

- A. Installer Qualifications: Experienced in installation of specified material type with working knowledge of specified products and Project specific application requirements.

##### **1.5 DELIVERY, STORAGE, AND HANDLING**

- A. Material should be left in its original packaging until use.
- B. Store indoors, between 40 – 100 degrees F.

## 1.6 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

## 1.7 WARRANTY

- A. Limited Warranty:
  - 1. Manufacturer warrants the LED engine for a period of **five years** from the date of purchase when applied according to published directions.
  - 2. Manufacturer warrants the powder coating to be free from defects in material and manufacturing for a period of **ten years** from the date of purchase when applied according to published directions.
  - 3. Specific terms for warranties can be found at: <https://trexrainescape.com/warranty/>

## PART 2 PRODUCTS

### 2.1 MANUFACTURES

- A. Contract Documents are based on products supplied by; IBP, LLC, 2190 West Bates Ave., Englewood, CO 80110
- B. Substitutions: Not permitted under Division 01

### 2.2 UNDER-DECK, DIRECTIONAL LED SOFFIT LIGHT

- A. Special Purpose Lighting.
  - 1. Products: TREX® RainEscape® Soffit Light as manufactured by IBP, LLC.
    - a. Material Finish: Powder-Coated Aluminum w/Polycarbonate Lens
    - b. Housing Flange Diameter (metal): 5 7/16 inches
    - c. Light Face Diameter (exposed): 3 3/8 inches
    - d. Ceiling Protrusion at maximum tilt: 7/8 inches
    - e. Ceiling Material Thickness Requirements:
      - 1) Minimum Thickness: 1/8 inch
      - 2) Maximum thickness: 1 inch
      - 3) Required Hole Size: 4 5/8 inches (120 mm)
    - f. Included Cables:
      - 1) 6 inch Female Pigtail attached to light
      - 2) 5 foot male-to-male
    - g. Material Finish: Powder-Coated Aluminum w/Polycarbonate Lens
      - 1) Colors: Black, Bronze, White
    - h. Consumption: 4.25 Watts (350mA@12 VDC)
    - i. Actual Color Temperature (K): 3120
    - j. Lumens: 445 Lumen
  - 2. TREX® Lighting Accessories (Warranty Voided if not Used)
    - a. Transformer (100 watt/8.3 amp): TREXTL100W
      - 1) Light Capacity: 23 soffit lights
    - b. Transformer (30 watt/2.5 amp): TREXLT30W
      - 1) Light Capacity: 7 soffit lights

- c. Remote Dimmer: TREXDIMMER
- d. Light Hub Splitter
  - 1) 3 way splitter: TREX3WAY
  - 2) 6 way splitter: TREX6WAY
- e. Light Hub Male-to-Male Wire
  - 1) 5 foot: TREXL5WIRE
  - 2) 10 foot: TREXL10WIRE
  - 3) 20 foot: TREXL20WIRE
  - 4) 40 foot: TREXL40WIRE
  - 5) 60 foot: TREXL60WIRE
- f. Female-to-Female Adapter: TREXLFFA
- g. Light Hub Transformer Splitter 5 Way: TREXLT5WAY

### **PART 3 EXECUTION**

#### **3.1 Installation**

- A. Install according to TREX® RainEscape® soffit light installation guidelines.

<https://trexrainscape.com/wp-content/uploads/2021/09/soffit-light-installation-guide-english-sept-2021.pdf>

<https://www.youtube.com/watch?v=NuP2Qb7f9Vw>

**END OF SECTION**