



**LIGHTEN™**  
IN-FRAME LIGHT



## FAQ

### LightEn In-Frame Light Frequently Asked Questions.

## Working with LightEn

### INSTALLATION & OPERATION

#### How does LightEn get installed?

LightEn comes preinstalled in a header that can be assembled into a prehung unit like a standard header.

#### Will the depth of the battery box affect installation of the prehung door unit?

The battery box protrudes < ½ inch above the header, which should not cause any issue in a rough opening that has a ½" margin built in.

#### Can this be installed in an existing header?

To properly install the light bar and the battery box, the header must be prepped outside of a prehung unit and then installed as a fully assembled header.

#### Will spray foam or other insulation products interfere with the battery box?

There are small holes in the battery box for the wires to fish through. We recommend being mindful of those openings when spraying anything in that space.

### PRODUCT USE/OPERATION:

#### How does the product work?

The built-in motion sensor will pick up movement within 4-6 feet of the header, as long as the dusk-to-dawn sensor does not read brightness in the area.

#### How long will it take for the light bar to recognize it is dark outside?

The dusk-to-dawn sensor has a built in 60 second waiting period when it begins to sense darkness. This ensures that clouds or temporary instances of darkness do not trigger the light and drain the battery. Once that 60 second waiting period has passed and the darkness remains, the light bar will be triggered by the motion sensor.

#### Will a storm door affect the operation of the unit?

A storm door will prevent the motion sensor from reading motion until the screen door is opened.



### PREFINISHING:

#### How do you recommend painting the unit?

Before Header Installation in the Prehung Unit: The light bar is removable, and the battery box can be painted as normal.

**After the Prehung Unit is Installed:** The light bar should be masked to prevent covering the sensor. There is also a blister cover over the light bar to protect it from paint. It should be removed prior to closing.

### BATTERIES

#### What type of batteries should be used?

Any brand of 8 Lithium-Ion AA batteries – these are not included with the unit.

#### How long do Lithium AA batteries last in the light?

With standard usage (about 2-4 triggers a day), the batteries should last about 6 months.

#### Can I use 'regular' AA batteries?

No, LightEn is not designed to work with Alkaline batteries. It can cause the low battery light to flash immediately.

#### Are rechargeable battery options available?

Yes, as long as they are lithium-AA batteries.

#### Does the unit show when the batteries are getting low?

Yes, the unit has three lighting indicators to show battery life:  
**Full Battery** – The LED light is at full brightness with no red light. **Low Battery** – The LED stays bright, but a red light blinks three times and stays on for 15 seconds, the LED remains at full brightness. **Very Low Battery** – The LED starts bright, but a red light blinks three times before the brightness dims to 10%. The red light then turns off, leaving the LED dim.

# Customers/Sales Team

## GENERAL

**Where do all of the resources for LightEn live?**



Scan for  
Lighten  
Resources.

**What will the standard lead time be after the preorder period?**

After the preorder period, LightEn headers can be ordered with standard frame orders under typical lead times. In most instances, this is 3-4 weeks from the placement of a PO with items that are already set up.

**Is this for new construction or R&R?**

This product will work in either application (New Construction or R&R) as long as the entire door unit is being replaced. The current version of the product does not allow for easy retrofitting of the system into existing headers.

**Is this only for front entry doors?**

No, this can be used in any inswing door system.

**Can LightEn be installed on Outswing Doors?**

No, LightEn can only be used with Inswing Door units at this time. On an outswing unit, the light bar would be to the interior of the home and the battery box would be exposed to the exterior of the home causing a hazard.

**Is LightEn available in the sample store?**

Samples are not available in the Marketing Store currently. When available, it will only include the header and light.

**Is this available in multiple colors?**

This is currently only offered in white.

**Can prehangers do their own routing and install loose light bars, or do the light bars have to be ordered installed into the header?**

Prehangers with the capability to execute CNC routes can order loose light bars to install in their shop.

**Do competitors have any similar products?**

The only similar products are add-ons, there are no other products that are integrated into the header like LightEn.

## REPLACEMENT

**Can the LED bulb be replaced?**

No – LED bulbs are contained within the light bar housing.

**Can the light bar be replaced before and after frame installation?**

The light bar can't be removed once the full unit is installed. If the light bar needs to be replaced, a small putty knife can be used to remove the light bar from the retaining clips, however this may damage the diffuser.

## ORDERING

**Can customers order less than 10 headers?**

No – there are no broken carton options due to the packaging requirements to keep the product safe, as well as the efficiencies needed to run the product correctly.

**Can customers order headers in other widths (ex: 5-1/4")?**

Yes, standard sizes and pricing is for 4-9/16", 6-9/16" and 12" that can be cut to desired widths. For example, the 5-1/4" width jamb will come out of the 6-9/16".

**Will replacement parts be available to purchase separately?**

Yes, but not during the preorder period. Eventually, light bars and battery boxes will be available for individual purchase.

**What facility will LightEn be produced from?**

LightEn Headers will be built and shipped from Stokesdale, NC. If your customers commonly order jambs from other facilities, we will work with those facilities to either ship an entire frame order out of NC or ship the LightEn portion accordingly. Your customers will not be affected by that from a pricing standpoint.

## PRICING

**Is there a setup fee for order quantities less than 50?**

No, LightEn Headers can be ordered in quantities less than 50 without a set-up fee.

**Are there individual discount sheets?**

LightEn Headers will be discounted like FrameSaver® jambs and customers can use their FrameSaver® multiplier table to determine their LightEn header discounts.

## SHIPPING

**How will this be shipped?**

It will be shipped in specialty packaging to protect the light bar. These packages will ship with other frame materials.

## PRODUCT PERFORMANCE

**What testing has been completed on these products?**

For a single door 8/0 I/S model:

- Air leakage = (0.11 CFM/ft<sup>2</sup>).
- Water resistance = 6 psf (pressure units).
- Structural strength = (+DP50/-DP55).
- Impact and cycling durability = DP50.

For the double door 8/0 I/S

- Model: Air leakage = (0.24 CFM/ft<sup>2</sup>).
- Water resistance = Limited Water Rating
- Structural = DP40.

**Will water be able to enter the battery box? (ex: pressure washing the exterior of the home)**

The battery box is installed within the rabbet of the jamb, behind the weatherstrip and towards the interior of the home.

**Does this affect the structural integrity of the header?**

Certified Testing has been conducted to ensure the structural integrity of the header.



### INNOVATION POWERED BY ENDURA.

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