

# Standard Fixed Skylight INSTALLATION and MAINTENANCE INSTRUCTIONS

*Sunoptics® Skylights and Daylighting Systems*



**DELIVER TO END USER AFTER INSTALLATION IS COMPLETED**



*There's no greater efficiency than off!®*

6201 27th Street, Sacramento, CA 95822 | 916.395.4700 | 800.289.4700 | [www.sunoptics.com](http://www.sunoptics.com)

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## IMPORTANT SAFETY INSTRUCTIONS

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS! SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Installation and service of skylights should be performed by a **qualified person**.
- Maintenance of the skylights should be performed by person(s) familiar with the skylights' construction and operation and any hazards involved. Regular fixture maintenance programs are recommended.
- It will occasionally be necessary to clean the outside of the lens. Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to user. The skylight lens should be washed in a solution of warm water and any mild, non-abrasive household detergent; rinsed with clean water; and, wiped dry.
- Should the skylight lens become dirty on the inside, wipe the skylight with lens and clean in manner above.
- **DO NOT INSTALL DAMAGED PRODUCT!** This skylight has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired, or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, this matter should be referred to Acuity Brands Lighting, Inc.



### CAUTION RISK OF INJURY

- ✓ Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- ✓ Avoid direct eye exposure to the light source while it is on.



**WARNING – Read the entire installation manual**, along with the following warnings, prior to proceeding with the installation of the unit.

Please contact an Acuity Brands Lighting Inc. representative with regards to the use of materials or methods, which are not specified in this manual, or authorized by Sunoptics®.

Acuity Brands Lighting Inc. (seller) assumes no responsibility or obligation whatsoever for the failure of an installer, contractor, architect or building owner to comply with all applicable laws, ordinances, building codes, electrical codes, energy codes, fire and safety codes and requirements, roof warranties and adequate safety precautions.

The installation of the skylight should be done by at least 2 people. The second person should be close enough to come to your aid, if necessary.

*Warnings continued on next page...*

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## **INSTALLATION TO BE DONE AT YOUR OWN RISK!**

### **GENERAL SAFETY**

Acuity Brands Lighting, Inc. product installations may be dangerous and include the potential for death, personal injury and property damage. Some of the hazardous conditions include, but are not limited to, the following:

- Installation will require working at dangerous heights. When working on ladders, scaffolding, on roofs and in attic spaces, use extreme caution to minimize risks, property damage, personal injury, or death. Use the following procedures, as well as other measures, as examples to reducing risk:
- Clearing the area(s) below the working space or objects, animals and people.
- Use proper footwear. Using footwear with excellent traction is recommended.
- Avoid working on slippery, or wet, surfaces.
- Supports such as ladders and scaffolding should be well supported and strong.
- Install the product during calm and dry weather.
- Use basic safety procedures when working with electric tools. Use suitable eye protection, such as safety goggles, and clear the work area of potential hazards.

### **ROOFING**

- If the Sunoptics skylight unit must be removed from the roof, due to re-roofing, please contact your Sunoptics representative for information on disassembly and care of the unit.

**Please see product specific installation instructions for additional warnings or any applicable FCC or other regulatory statements.**

**Failure to follow any of these instructions could void product warranties.**

**For a complete listing of product Terms and Conditions, please visit <https://www.acuitybrands.com/support/warranty/terms-and-conditions>.**

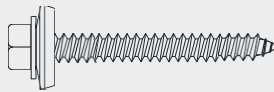
**Acuity Brands Lighting, Inc. assumes no responsibility for claims arising out of improper or careless installation or handling of its products.**

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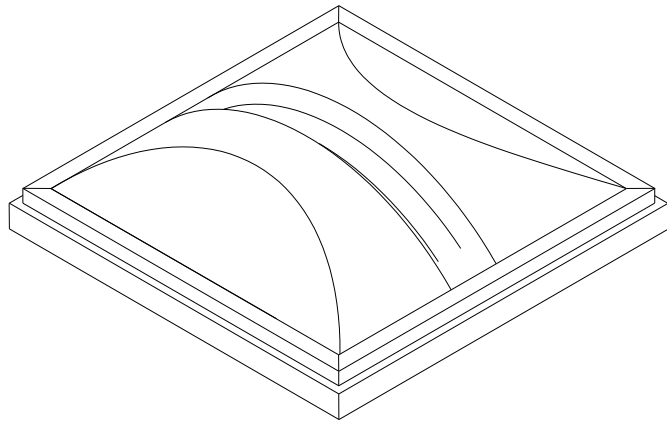
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## PARTS LIST:

#12 x 1-1/2" Hex Washer Head Screw  
(1 per installation hole)



Sunoptics Fixed Skylight



**Thank you for purchasing a Sunoptics high-performance prismatic skylight.**

1. **Caution:** Handle unit with care. Ensure the inside of the unit is clear of debris throughout the installation process.
2. Verify above materials are on site, are inspected for any shipping damage that may have occurred and available for installation. **Do not install if damaged!** If skylights are damaged, please contact your sales representative.
3. Consult your engineer or roofing professional for structural support needs based on local building codes and roofing system product to be installed in.
4. Be sure to follow all jobsite safety protocols.
5. Prior to final installation, properly elevate the units from flat surfaces to prevent heat build-up or excessive internal temperatures under the domes.
6. Installation should be performed by a qualified contractor.
7. Install per all instructions and applicable codes.

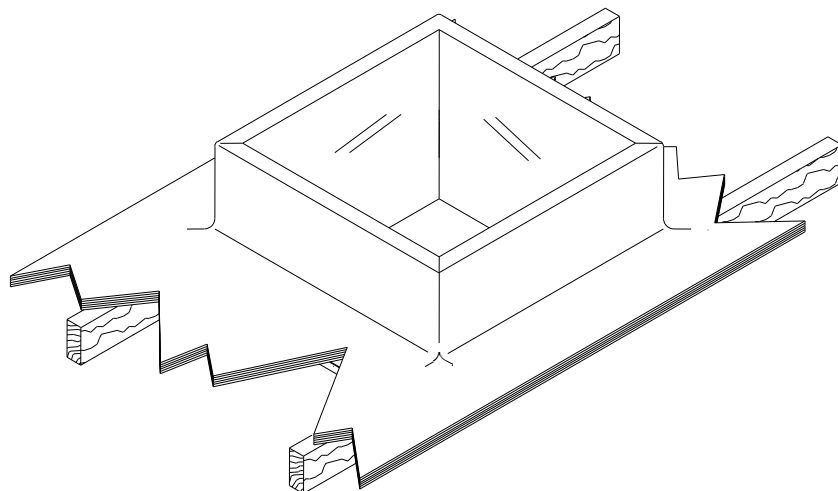
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## SKYLIGHT INSTALLATION INSTRUCTIONS

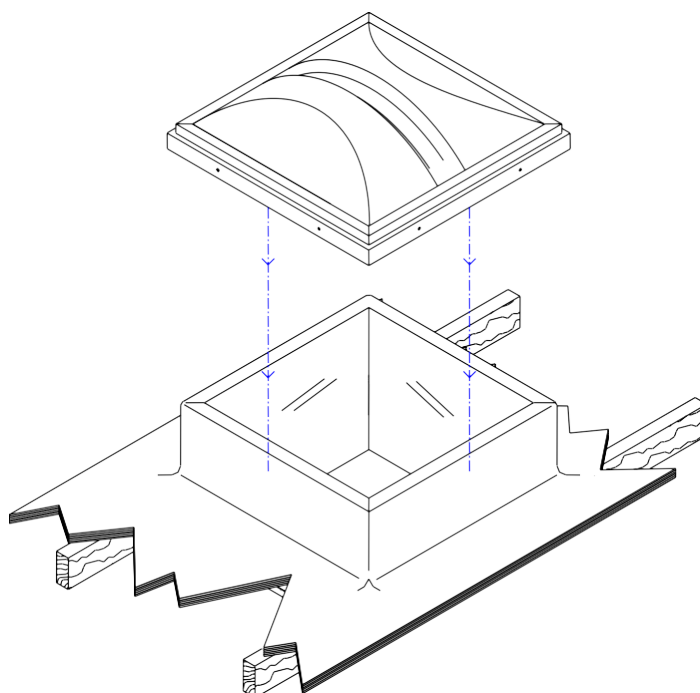
### STEP 1.

Ensure that skylight curb is of required dimension, square and properly flashed based off cut sheet dimensions. Curb top should be level with a minimum of 1" width for a proper seal. There must also be enough structural material in the curb wall to support the install screws noted in the final step. If the skylight is being installed in a retrofit application, ensure the old skylight is completely removed including any lower framework.



### STEP 2.

Set skylight over prepared curb making sure there is equal clearance (1/2" nominal) on all four sides. Handle skylight with care. Do not hit the frame with a hammer to fit. Frame should fit over curb without force. Caulking the top of the curb, for an air seal, is not required with Sunoptics Skylights. All double and triple glazed skylights are supplied with an air seal curb tape that is pre-mounted to the underside of the skylight.

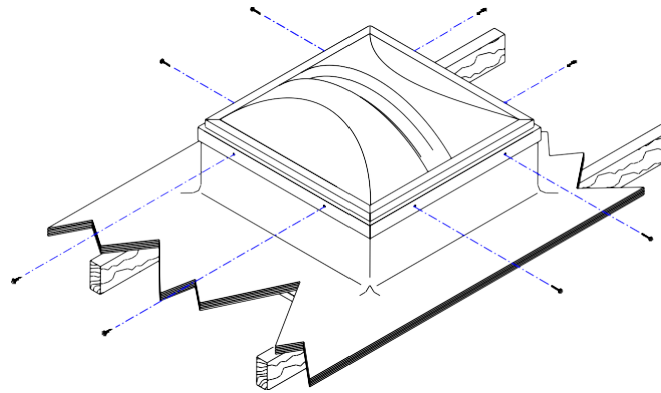


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### STEP 3.

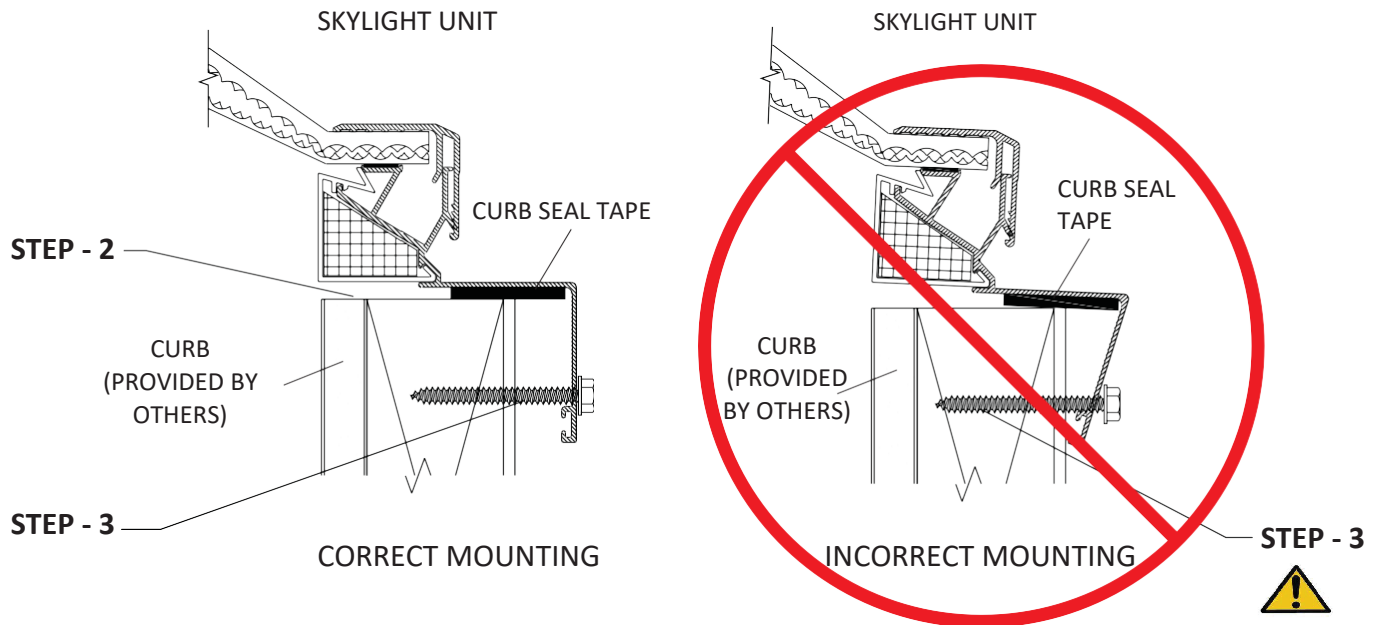
Attach skylights with provided screws.



**NOTE:** When securing the skylight to the curb, run the screws just snug to the Skylight Flange. Overtightening will distort the frame. This in turn, may create forces which could crack the Skylight Lenses or, force the lens to pull out of the frame. Overtightening may void the warranty. **(SEE BELOW)**

*Details Not to Scale*

800MD Frame Shown. Installation instructions are similar for all Sunoptics curb-mounted Skylights.



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## SKYLIGHT MAINTENANCE INSTRUCTIONS

A scheduled preventative maintenance program should be followed. This maintenance program will vary in frequency based on environmental conditions of the jobsite and should be determined by the building maintenance staff at the site.

### CLEANING SKYLIGHT LENSES

1. When cleaning the plastic skylight lenses use only water or water with a mild soap. A pressure washer or soft rag should be used to minimize scratching the plastic lens.
  - When using a pressure washer, maintain an appropriate distance from the skylight based on psi rating of pressure washer. Damage may occur to skylight otherwise.
  - A 40-degree nozzle or wider should be used
  - Keep moving pressure washer wand across skylight, do not concentrate on one location too long.
2. Never use ammonia, alcohol, aromatic or petroleum-based products to clean the plastic lenses. This will cause deterioration and cracking of the lens and will void the warranty.

A Sunoptics Prismatic Skylight Installation Video can be viewed at <https://youtu.be/qIHDoSRgeBE> or accessed via [Sunoptics.com/Resources/Literature-and-Videos](https://www.sunoptics.com/Resources/Literature-and-Videos), Videos tab.

Please visit: [www.Sunoptics.com](https://www.Sunoptics.com) for installation instructions for additional Sunoptics product.

*Sunoptics recommends professional installation of the skylights by a competent licensed contractor. Sunoptics is not an insurer of, or for any Contractor/Installer of its products and has no control over the installation process. Therefore, Sunoptics is to be held completely harmless from any litigation arising from installation mishap, regardless of cause, or severity.*

*Sunoptics recommends using only reputable contractors that are experienced licensed and bonded. This is a guide for typical installation, your specific installation techniques may vary. You are responsible for complying with local building codes. Please consult an engineer regarding structural modifications and support for the system.*

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## INSTALLER NOTES

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