



Description	<p>Fixed HSE Performance Skylights consist of a powder-coated aluminum frame, a dual-pane glass component, a PVC thermal break component, and an aluminum cleat riveted to the frame and inserted into the PVC thermal break to mechanically lock the assembly together. The glass is also held into the frame with a urethane adhesive sealant.</p> <p>Operable HSE Performance Skylights have an operable base made of a PVC extrusion. There is an inside and outside gasket on the top of the PVC. The hinges are riveted to the PVC. The motor is installed inside the PVC extrusion with rivets. The metal sash around the PVC is field installed. The solar panel is included and is field installed to the metal sash. The remote control is included. A fixed skylight is used for the top of the operable skylight assembly and can be converted to an operable top by drilling out the premarked hinge holes and chain bracket holes, then adding the chain bracket with rivets as a field modification. Then the top is connected to the operable base by riveting the hinges on the base assembly to the top frame. The operable skylight is controlled by remote and powered by a solar panel and a battery pack.</p>
Materials	<p>Powder-coated aluminum - Used for all exterior metal components and the interior cleat.</p> <p>PVC - Used for the fixed and operable thermal break components</p> <p>Glazing Unit - 3mm tempered glass with low-e coating on bottom surface, 14mm warm stainless steel spacer with desiccant filling, 90+% argon gas-filled gap, 3mm+3mm laminated glass with 0.76mm PVB</p> <p>Gaskets - TPE rubber gaskets for operable keep the seal between the base and the top glass component. Another gasket keeps a seal between the glass and the fixed PVC.</p> <p>Stainless Steel - The hinges and the chain bracket for the operable skylight.</p>
Product Sizes and Dimensions	See CAD drawings on www.solatube.com for all sizes and dimensions.
Certification & Testing	<p>See Skylight self-declaration under "Codes and Approvals" on www.solatube.com.</p> <p>All HSE Performance Skylights meet and exceed NAFS air/water/structural requirements for International Building Code (IBC) and International Residential Code (IRC).</p> <p>Meets or exceeds OSHA Fall Protection requirements. Testing conducted in accordance with ANSI/NFRC 100, 200 and 500 thermal performance and has shown to meet or exceed national Energy Star requirements for skylights.</p> <p>HSE Performance Skylights have achieved Florida approval for all non-HVHZ areas in Florida. Certifications issued by Keystone Certifications.</p>
Warranty	See Solatube Warranty on www.solatube.com . 20 years against condensation inside the glazing unit, 10 years on all mechanical parts, 5 years on all electronics.
Installation	See Installation Instructions on www.Solatube.com
Compatibility	<p>HSE performance Skylights are designed for retrofit installation onto existing or new roof curbs. A larger dimensional flexibility is designed into the skylight, allowing the skylight to seal to and fit over a wider curb size range for each standard skylight model size. Fixed and operable skylights have the same curb size range. See the Price List for the curb size range that will fit each standard skylight model. Custom sizes are also available.</p>