

DURO-LIGHT™ ECOSKY3

DESCRIPTION:

Duro-Light™ EcoSky3 is a revolutionary new, glare-free unit skylight that bathes the space in natural diffused light.

By incorporating a 10-mm aerogel panel with Acrylite® Satin Sky® you get all the benefits of natural diffused light with an R-value. The Satin Sky glazing is a powerful sun reflector which greatly reduces solar heat gain, making it ideal for both hot and cold climates. EcoSky3 with Satin Sky can be ordered without aerogel which is perfect for warmer climates.

EcoSky3 meets and exceeds the maximum U-factor and Solar Heat Gain Coefficient of 0.50 and 0.35, respectively, for IECC 2009 and 2012 in all climate zones.

Image courtesy of Wasco



- 100% haze – great light diffusion.
- Utilizes an impact-modified white acrylic outer dome with infrared blockers.

- 10-mm aerogel-filled polycarbonate inner laylite (E3CS and E3CA models).

SAFETY CONSIDERATIONS

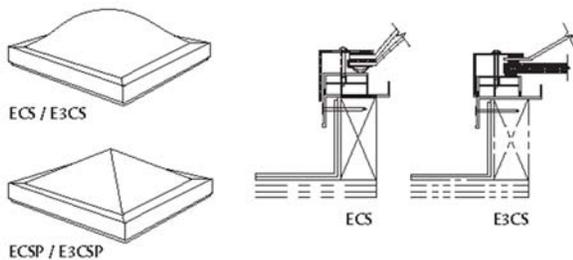
- Although the skylights are designed to protect against accidental falls, they should never be walked upon under any circumstances. The owner or contractor should restrict access only to authorized personnel who have been adequately cautioned as to the location of the skylights.
- The use of skylight guards is strongly recommended.

Curb Mount Dome (ECS & E3CS)

ECS – Acrylite® Satin Sky over clear impact-modified acrylic.

E3CS – Acrylite Satin Sky over 10-mm aerogel-filled panel.

	ECS	E3CS
U-factor (BTU/HR-FT2-°F)	.64	.25
R-value (HR-FT2-°F/BTU)	1.56	4.0
Solar Heat Gain Coefficient	.47	.34
Visible Light Transmission	60%	43%



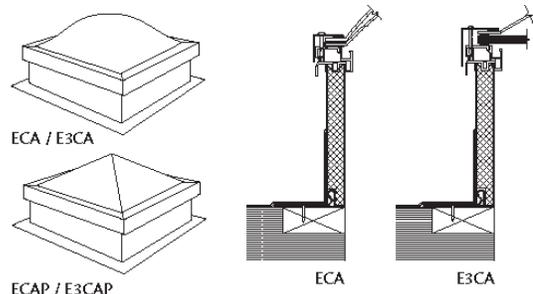
Note: See Details 4015 and 4025 for flashing details.

Deck Mount Dome (ECA & E3CA)

ECA9 or 12 – Acrylite Satin Sky over clear impact-modified acrylic.

E3CA9 or 12 – Acrylite Satin Sky over 10-mm aerogel-filled panel.

	ECS	E3CS
U-factor (BTU/HR-FT2-°F)	.82	.45
R-value (HR-FT2-°F/BTU)	1.22	2.22
Solar Heat Gain Coefficient	.47	.34
Visible Light Transmission	62%	43%



Note: See Details 4015 and 4025 for flashing details.

UNIT SKYLIGHT OPTIONS

Pyramid Dome (P)	<ul style="list-style-type: none"> Available in curb mount and deck mount.
Aerogel	<ul style="list-style-type: none"> Available in curb mount and deck mount.
Thermalized Sentinel Fall Protection	<ul style="list-style-type: none"> Tested to compliance with AAMA\WDMA\CSA\101\I.S.2\A440 as required by the International Building Code. Tested, when new, to 800 ft.-lb. to comply with the intent of OSHA fall protection regulation 29 CFR 1910.23 (e)(8)*, Cal-OSHA Title 8, Chapter 4, Section 3212 (e)(2). Provided with impact modified acrylic double domes or pyramids depending on size required. Offered in Clear/Clear, Clear/White or Bronze/Clear color combinations.

CURB MOUNT ECOSKY3: STANDARD SIZES AND AVAILABLE OPTIONS

Outside Dimensions of Curb	Pyramid Dome	Aerogel
25 1/4" x 25 1/4"	X	X
25 1/4" x 33 1/4"	X	X
25 1/4" x 49 1/4"	X	X
33 1/4" x 33 1/4"	X	X
33 1/4" x 49 1/4"	X	X
33 1/4" x 72 1/2"	X	X
40" x 40"	X	X
40" x 78"	X	X
49 1/4" x 49 1/4"	X	X
49 1/4" x 72 1/2"	X	X
49 1/4" x 92 1/2"	X	X
58" x 58"	X	X
56 1/2" x 72 1/2"	X	X
56 1/2" x 92 1/2"	X	X
60 1/2" x 72 1/2"	X	X
60 1/2" x 92 1/2"	X	X

Note: For custom sizes and pricing, contact the skylight Sales Product Manager.

DECK MOUNT ECOSKY3: STANDARD SIZES AND AVAILABLE OPTIONS

Rough Opening Dimensions	Pyramid Dome	Aerogel	Available Heights*
22 1/4" x 22 1/4"	X	X	9"
22 1/4" x 30 1/4"	X	X	9"
22 1/4" x 46 1/4"	X	X	9"
30 1/4" x 30 1/4"	X	X	9"
30 1/4" x 46 1/4"	X	X	9"
30 1/4" x 69 1/2"	X	X	9"
37" x 37"	X	X	9"
37" x 75"	X	X	9"
46 1/4" x 46 1/4"	X	X	9"
46 1/4" x 69 1/2"	X	X	9"
46 1/4" x 89 1/2"	X	X	9"
55" x 55"	X	X	9"
53 1/2" x 69 1/2"	X	X	9"
53 1/2" x 89 1/2"	X	X	9"
57 1/2" x 69 1/2"	X	X	9"
57 1/2" x 89 1/2"	X	X	9"

Note: For custom sizes and pricing, contact the skylight Sales Product Manager.

* Curb heights of 12 and 18 inches are available at an extra charge.