

WHAT A DIFFERENCE PRISMATIC DAYLIGHTING MAKES



This photo taken with all electric lights on. The lights are 2-lamp 8' fluorescents, T-12s. These fixtures use 63.8 kw per hour to produce a light level of 30 footcandles.



In this photo, all the skylight openings have been cut out and the electric lights are turned off. This is similar to what you find from clear glazed skylights. Daylighting is possible but hot spots cause glare and UV damage.



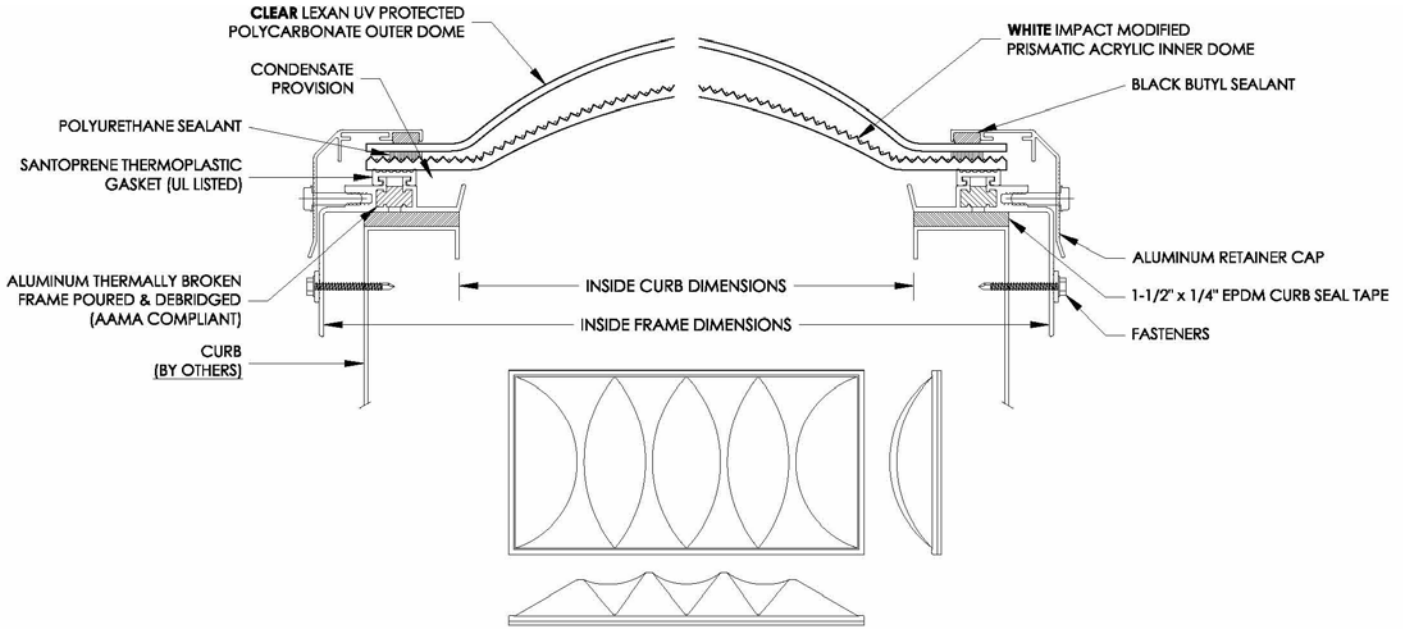
Here's the completed job. Lights are off, the hot spots are gone, and the space looks alive. Footcandles will average 79 instead of 30. At only \$0.10 per kwh, the owner will save approximately \$14,000.00 per year with a payback for this install in less than 3 years of pure after tax profit back to the company. Zero light energy also produces zero carbon emission. There isn't a more cost effective or energy efficient, green energy technology on the market today.

Double Glazed

Fixed Industrial Skylights



Polycarbonate/Prismatic Triarch



Standard Sizes

Call-Out Size*	Model Number / Inside Curb Dimensions	Net I.D. Clear Frame	Options:
4040	4848	52 1/4" x 52 1/4"	1. Painted Frames
5060	6072	64 1/4" x 76 1/4"	2. Security Grills
4080	4896	52 1/4" x 100 1/4"	3. Safety Screens
			4. Curbs

*Many other sizes available

Solar Heat Gain Coefficient = .54, U Factor = .55, Visible Light Transmission = 50% (Typical for double glazed units)

Specifications

- Skylights shall be Baylight (curb mounted) by Bay Insulation, 2929 Walker Drive, Green Bay, WI 54311
- The skylight shall be fully factory assembled consisting of a polycarbonate and plastic dome using prismatic material with a CC-1 classification that is sealed by interior and exterior gaskets to a 6063-T5 heliarc welded aluminum frame fabricated of aluminum and polyurethane thermal break material to prevent thermal losses through the frame and the formation of condensation on its interior surfaces. The frame is to have an integral condensation channel. The aluminum retaining cap fasteners are to be corrosive resistant.
- Skylights shall be double glazed using Lexan UV Protected Polycarbonate over SR25 White Prismatic lens, CC-1 Acrylic in a Triarch Dome configuration.
- Skylight fasteners shall be #12 x 2" SMS spaced 12" O.C.
- Materials tested in conformance with FM 4431 including 2" severe hail test.

