



BEHLEN[®]

BUILDING SYSTEMS

Baylight[®] Prismatic Skylights

Provided by Behlen Building Systems



Good Iron. GREAT Experience![™]

Baylight is

- Domed to pick up more of the sun's rays and allow more light to be transmitted into the building
- Curb mounted
- Prismatic feature to refract sunlight into micro beams directed into the building's interior
- Acrylic, so it doesn't yellow like fiberglass
- Available in double glaze
- Thermal break tape standard between frame and curb
- Mill finish standard (aluminum)

Features

- Transmits 35% more light with superior light distribution
- Diffused 100% of the transmitted light
- Directs more of the transmitted light to the workplace
- Catches up to 20% more light at low sun angles
- 50% stronger than required by the Uniform Building Code
- Gives the quickest return on invested capital

Benefits

- Every Baylight will more than pay for itself through reduced electrical bills
- Adding Baylight to 3-4% of the roof area allows electric lights to be shut off approximately 2,000 hours per year for regular work schedules.
- This saves 30% of lamp and ballast maintenance costs

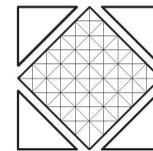
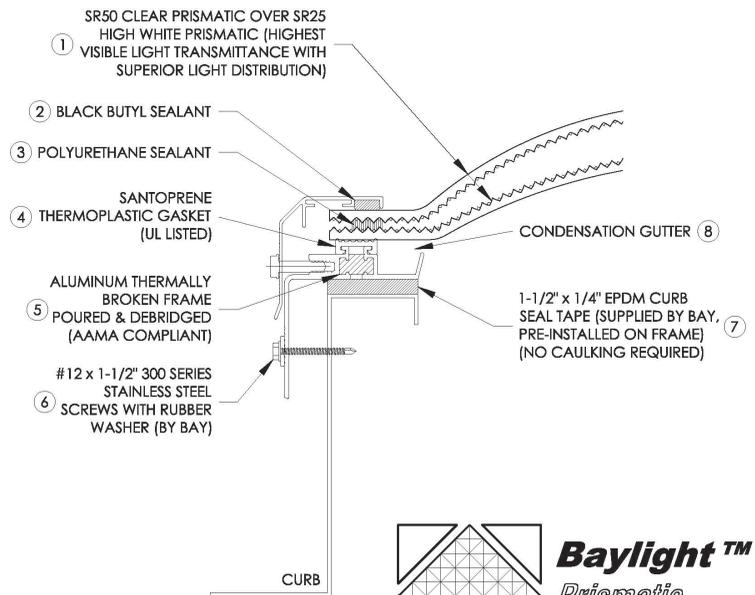
Considerations

- The advantage is not R-Value. The energy savings obtained by turning off the lights is greater than the heat or cooling use.
- Daylighting rule of thumb is SFR (Skylight to Floor Ratio) should be approximately 3.5%.
- Security screens are available.

Daylighting Requirements

- Warehouse 0-30 ft. candles
- Manufacturing 30-50 ft. candles
- Office 50-70 ft. candles
- Retail 75-100 ft. candles

BAYLIGHT FRAME DESIGN



Baylight™
Prismatic
Skylights

Bay Insulation Systems
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To order, contact your Behlen Building Systems representative.

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