High Performance Daylighting System

HPDS Details:

The High Performance Daylighting System (HPDS) is designed to replace electric lights during daylit hours with 100% natural light.

No artificial light.
No artificial colors.
$0.00 operating expense.
Turn Off the Bulbs, Turn On the Sun

Optional:

- Diffusers: Flat, Double Hip & Drop Pan
- Louvers to control the daylight
- Roof curbs for any style of roof, made to mate with roof profile
- Safety and Security Bars

HPDS FAQ

2' x 4' HPDS with drop pan diffuser and light well

5' x 6' HPDS top domes without light well

Do I need a light well?
The light well is used to bring the sunlight down from the roof to the ceiling, If the building does not have a ceiling, then a light well is not necessary. However, it does offer some thermal and aesthetic benefits. Contact HUVCO for details and design assistance.

How many HPDS do I need?
Most buildings can use the yellow chart to the right. Another option is to calculate 5% of the buildings square footage and divide that by the size of the HPDS. For example a 10,000 sf building x 5% = 500 sf divided by 30 sf (for a 5'x6' HPDS) = 16.67 or 17 HPDS. HUVCO offers full design and layout assistance.

The HUVCO Promise:
We promise to provide you with outstanding service, superior product performance and design excellence for your daylighting system.

Satisfaction Guaranteed.
Made in the USA

ENERGY STAR PARTNER

Colossians 3:23

Light, the way it was meant to be ©

HPDS Performance and Sizing Chart

Size of HPDS	Approximate coverage	Maximum Length
2' x 2'	250 sf	20 feet
2' x 4'	400 sf	25 feet
4' x 4'	600 sf	30 feet
5' x 6', 4' x 8' and custom sizes available		

CAUTION:
These results are made possible by the HUVCO High Performance Daylighting System.
Anything less, is just a skylight.

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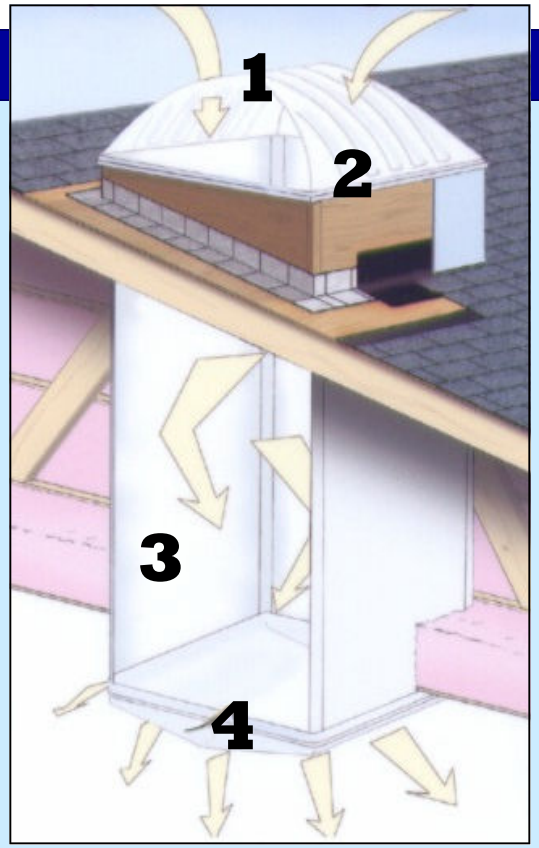
HUVCO
Daylighting Solutions©



How Does It Work?

1. Sunlight enters the top dome
2. The prismatic lens directs the sunlight down into the light well
3. The light well reflects the sunlight off its mirror-like interior surface which is 98% reflective
4. The diffuser spreads the pure, glare-free natural light through out the room

(some applications do not require the light well or diffuser)

HPDS Features:

- Roof curbs custom designed for any roof, made from aluminum, Galvalume or wood
- Unique dual glazed prismatic dome, with contoured design for maximum strength
- No structural modifications, designed to fit between standard truss layout
- Diffuses light evenly
- FREE natural, pure light!

Questions? Contact HUVCO
800-832-6116 www.huvco.com

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