



**The Best Choice in a high light diffusion sheet!**

# ROOFLITE HD

High Diffusion Corrugated Polycarbonate



**CO-EX**  
CORPORATION

**Rooflite HD**



## Your plants will be more productive, when they're under our sheets!

CO-EX's Rooflite HD corrugated polycarbonate sheet brings together high light transmission and high diffusion into one product. Manufactured using state-of-the-art UV blocking co-extrusion and pigment technology, Rooflite HD provides many benefits over standard products. The combination of high light transmission and high light diffusion makes this product an excellent choice when used with people, plants or animals.

CO-EX's Rooflite HD corrugated sheet is perfect for use in greenhouses, car ports, patio covers, animal covers and skylights for today's "green-friendly" requirements.

The "soft" diffused light and UV protection provides a safe and comfortable environment for people and animals. In a greenhouse, diffused light will penetrate the plant's branches and leaves providing a higher level of required (PAR) light to the plant. High diffusion along with high light transmission will result in greater yields and healthy plants.

### BENEFITS OF ROOFLITE HD

#### High Light Transmission

- Allows the grower more flexibility to grow multiple crops in the same space.
- Results in faster crop turns and more crops grown in the same space throughout the year.
- Higher production of fruit bearing plants.

#### High Light Diffusion

- Allows for light to penetrate the interior canopy of the plant
  - Better uniform plant growth & faster crop turns
  - Intense flower colors and no "bleaching" of foliage
  - Less stretching of plants – reduction of growth regulator use
- Comfortable working environment
- Less shadows from structural framework for more uniform light patterns

#### Co-extruded UV Blocking Technology

- Long lasting, non yellowing panels
- Protects workers from harmful UV rays
- Reduces fading of equipment or material in the workplace

#### New Min-Dew™ Anti-Condensate Technology

- Allows higher light transmission to enter through the sheet
- Allows for higher levels of energy to penetrate during low level times of the day
- Provides a drier environment – reducing moisture related diseases and expensive fungicides

#### High Impact Resistance

- Polycarbonate inherently provides high impact strength compared to other plastics.

### TECHNICAL DATA

- Panel Profile: Standard GRECA, (also available in Arc Wave, Sine Wave and metal panel profiles).
- Standard Width: 50" (net 4 feet after installation)
- Standard Length: up to 39' (custom cut length available)
- Accessories: Screws and closures are available

RoofLite HD Sheet	vs.	Standard Clear Sheet
85% Light Transmission .....		90%+ Light Transmission
100% Light Diffusion .....		1% Light Diffusion

The data shown here is subject to change without notice at the discretion of CO-EX Corporation. It is the sole responsibility of the customer to confirm with their own architect, engineer or other professional consultants that the goods offered for sale by CO-EX Corporation meet the requirements and specifications of the particular project and use for which they are being purchased.

**Call today for more information! (800) 888-5364**