

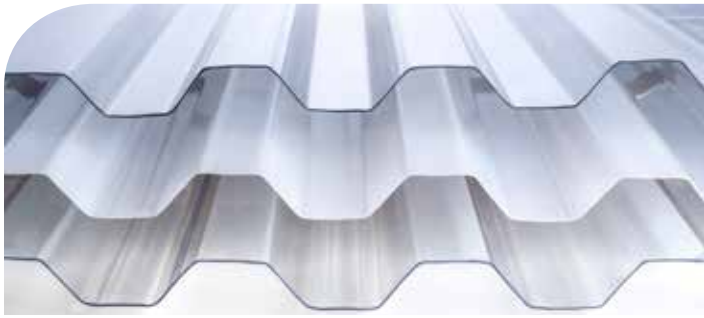


 **Macrolux**<sup>®</sup>

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**CORRUGATED POLYCARBONATE SHEET PRODUCT**

10 YEAR NON PRORATED WARRANTY



**MACROLUX® ROOFLITE® CORRUGATED POLYCARBONATE PANELS** are designed for applications requiring a lightweight, rigid covering which is virtually unbreakable while still offering high light transmission.

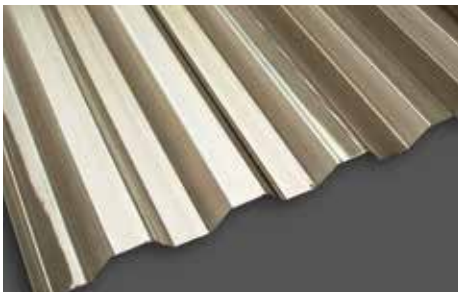
## Applications:

- Sidelights
- Pool & Patio Covers
- Sunrooms
- Skylights
- Canopies
- Vertical Partitions
- Greenhouses
- Walkway Covers
- Dividers
- Garden Sheds
- Carports
- Fencing

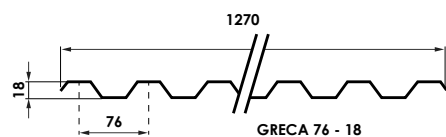
## Features & Benefits:

- Macrolux® Rooflite® produces bigger, brighter plants and vegetables.
- High light transmission optimizes plant growth.
- 100% light diffusion scatters light in greenhouses promoting uniform growth.
- Diffusion softens light and reduces harsh solar energy avoiding hot spots that damage plants and makes a comfortable work and living environment.
- No Drip feature prevents condensation from forming droplets and dripping on the plants which can spread disease and damage plants.
- Promotes higher crop yields and eliminates shadows.
- Panel offers privacy while still allowing in natural light for growing.
- Available in Greca, Omega and Roma profiles.
- 10 year non prorated warranty on yellowing and breakage caused by hail.
- Macrolux® Rooflite® High Diffused Polycarbonate Greenhouse Covering 100% Light Diffusion 90% Light Transmission.

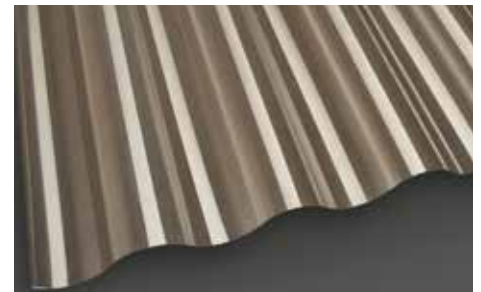
## Profiles



**Greca 76-18**



**Omega 76-18**



**Roma 76-18**



## Benefits



**Recyclable**



**Lightweight  
easy to handle**



**Energy  
efficient**



**High light  
transmission**



**Co-extruded  
UV 1 side**



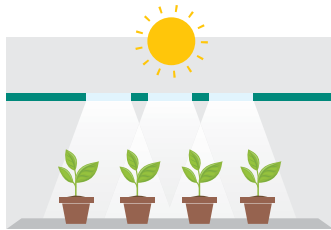
**Virtually  
unbreakable**



## Physical Properties

CHARACTERISTICS	ROMA (SINE WAVE)	GRECA	OMEGA
Nominal Width	50" & 26"	50" & 26"	50" & 26"
Nominal Thickness (mm)	0.8	0.8	0.8
Corrugation Pitch (mm)	76	76	76
Corrugation Height	18	18	18
Weight: lbs/sf	0.22	0.23	0.23
<b>Light Transmission ASTM-D1003 (%)</b>			
Clear		90	
Bronze		48	
Opal		60	
HD Soft White	PAR Ligh 90% with 100% Light Diffusion		

- Lengths up to 48 foot.
- Custom colors available by special order.
- Thicknesses available .8mm, .9mm, 1mm and 1.2mm.



Diffused light



Direct light

## Greca Corrugated HDSoft White PC Greenhouse Covering



Shadows with clear covering



No shadows with HD Soft White



## 10 Year Non Prorated Warranty

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**Macrolux® Rooflite®** Corrugated Polycarbonate sheets come with a 10 Year Non Prorated Warranty against loss of light transmission caused by yellowing and breakage caused by hail.

The corrugated PC panels come with a UV coextruded protection on the exterior surface which protects the sheet from degradation and discoloration caused by UV rays. The “No Drip” anti condensation feature is available on the interior surface of the panel.

Virtually unbreakable, these corrugated sheets will withstand breakage caused by hail stones of up to 23mm in diameter for the life of the warranty.

**Macrolux® Rooflite® PC** greenhouse covering prevents the transmission of over 99.9% of harmful radiation resulting from UV rays. It maintains its mechanical and structural integrity under extreme weather conditions (up to 248° F).

### Special Notes:

1. The installation must comply with IMSA Plastics guidelines for warranty to be valid. Local authorization may be required.
2. Installation guidelines available on request.

For additional information or questions contact Macrolux USA at 800.888.5364.



This information and our product application recommendations are illustrative and must be verified for each project. The pictures presented are merely illustrative.