COMPARING THE FOUR MAIN SOLUTIONS FOR GREENHOUSE LIGHT DEPRIVATION COVERS

	PANDA	WOVEN	BREATHABLE	BOLD BLACK OUT LIGHT DEPRIVATION
PROS:	• Typically inexpensive • Lightweight	• Flexible and lightweight • Cost effective • Durable	• Breathable fabric allows air flow to plants • May reduce excessive heat and humidity buildup	• Totally light blocking • UV resistant and heat reflective • Withstands both heat and cold (-70° to 180°F operating temperature) • Made in the USA
CONS:	• Not 100% light deprivation • Tears Easily • Requires ventilation	• Meant for temporary use, material tends to rub off and fray • Requires ventilation	• Made from layers of combined fabrics, so moisture gets trapped and mold quickly accumulates • Most expensive • Not designed for outdoor use	• Requires ventilation
MOST COMMON USES:	• Light-proof barriers for room partitions • Hydroponic grow covers • Reservoir covers	• Temporary covers • Temporary rain covers	• Light-dep covers to be used inside a greenhouse as a climate screen	• Light deprivation greenhouse covers
COMMON CHARACTERISTICS	• Black on one side and a 90% reflective white on the other side allowing light to be reflected back onto your plants	• Woven ribbons of highdensity polyethylene give it superior tear resistance but most woven coated poly covers contain pinholes that allow light to enter	• Thick, layered fabric • Woven/sewn in a way that does not allow light to penetrate, but allows the fabric to breathe	• No pinholes/no perforations • Scrim reinforced for excellent tear strength
MATERIAL PROPERTIES	• Polyethylene	• Made with lightweight interwoven poly strips • Flexible, durable, reusable, and easy to handle • Ideal for weather protection, abatement, containment, scaffold enclosures, and much more	• 3-5 layers of horticulture-grade textiles	• Mix of virgin polyethylene resins and polyester • Heavy diamond scrim reinforcement • Outer white layer contains UV inhibitors and thermal stabilizers • Black outer layer contains carbon black to enhance outdoor life and ensure total light deprivation
AVERAGE THICKNESS	• 4.0-6.0 mil	• 9.0-12.0 mil	• 6.0-30.0 mil	• 8.0 mil
AVERAGE LIFESPAN AT FULL EXPOSURE	• About 1 year	• Less than 2 years	• Cannot be used outdoors (material will rot)	• Over 2.5 years

USE THIS FREE GUIDE TO HELP YOU DECIDE WHICH LIGHT-DEP COVER IS BEST FOR YOUR GREENHOUSE OPTION. PLEASE FEEL FREE TO CONTACT YOUR DEDICATED ACCOUNT MANAGER WITH ANY QUESTIONS YOU MAY HAVE REGARDING LIGHT DEPRIVATION FOR YOUR GREENHOUSE.

800.747.6095
760.747.6095
Inquiries@americover.com
www.americover.com
2067 Wineridge Place, Suite F · Escondido, CA 92029
Americover
PROTECTION FROM THE GROUND UP