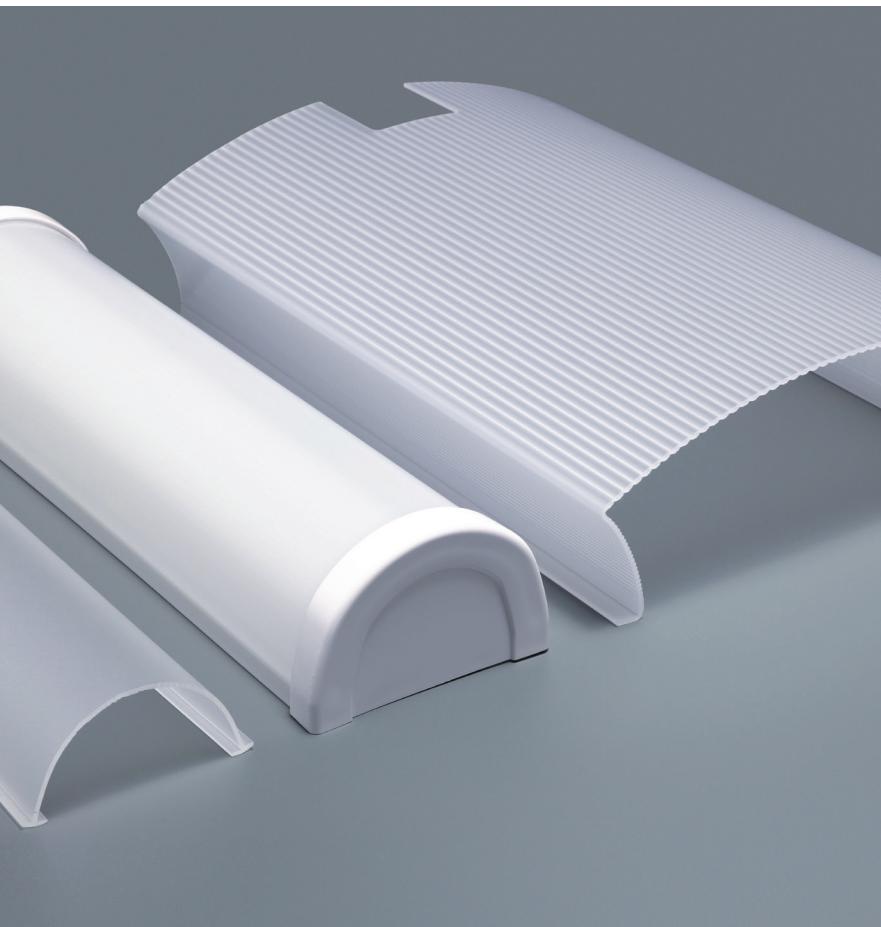




**Lighting the way
with strength & style**

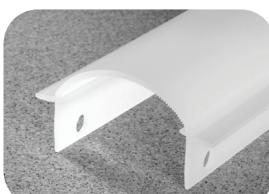
LIGHTING SOLUTIONS



Illuminating Possibilities with Precision and Performance

At Pexco, we believe light is more than illumination — it's an experience. The ideal material doesn't just brighten a space; it transforms it, delivering optimal light balanced with the **perfect amount of diffusion, lasting durability and stylish impact**.

That's why Pexco's polycarbonate solutions are in the toughest environments. From schools and hospitals to parking garages, detention centers, transit stations and other high-traffic areas, our custom polycarbonate lenses stand strong against vandalism, impact, and demanding safety standards.



We engineer customized optical polycarbonate blends to achieve the **perfect harmony of light transmission and diffusion**, ensuring every project shines with clarity and consistency.

The Power of Polycarbonate

Bring your next innovation to life with the **unmatched versatility of polycarbonate**. As the North American go-to-material provider for outdoor and vandal resistant lenses, our polycarbonate solutions deliver:

Key Benefits:

- Exceptional strength to withstand impact and wear
- Thermal stability for reliable performance in demanding conditions
- Optical clarity for brilliant, uniform illumination
- Design flexibility to meet the needs of commercial, industrial & specialty applications.

Property	ASTM Test Method	General Purpose PC
Physical		
Specific Gravity	D-792	1.2g/cm ³
Optical		
Light Transmission	ASTM D-1003	88%
Mechanical		
Rockwell Hardness	D-785 (M Scale)	77
Tensile Strength	D-638	62 MPa
Tensile Modulus	ISO 527-2/1	2400 MPa
Flexural Strength	D-780	90 MPa
Flexural Modulus	D-790	2260 MPa
Notched Izod Impact (3.20mm)	D-256	930 J/m
Thermal		
Deflection Temp Under Load (1.8 MPa Unannealed)	D-648 (°C)	131
Flammability	UL94	HB at 1.50 mm V-2 at .400 mm

With Pexco, your lighting solutions don't just perform — they inspire.

Learn more at: www.pexco.com/products/lighting-products

Get in touch with our experts.

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