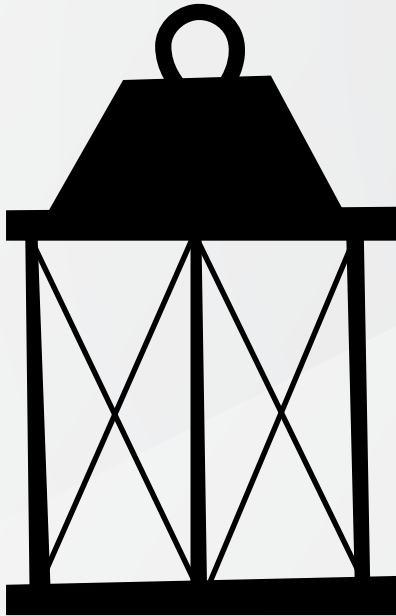




TRINSEO™

What's wrong
with this picture?



***“Nothing really. But it is rather plain.
Try Polycarbonate and let Trinseo help you
move your outdoor lighting designs to a
new level.”***



Why choose Polycarbonate as a material for outdoor lighting applications?

With LED technology appearing in outdoor lighting, there is a new mindset regarding luminaire design. “Out” are the boxy, unattractive shapes of the past and “in” are the more streamlined, contemporary designs that are possible with LED technology. With this new design freedom comes the ability to create attractive housings and luminaires using new materials such as Polycarbonate, which offers many design advantages.

What advantages does Polycarbonate offer?

- **Design freedom** – Polycarbonate can be fabricated into complex shapes offering endless possibilities for attractive and innovative designs.
- **Lighter weight** – The density of polycarbonate is far less than that of metal, resulting in much lighter weight parts for the same volume.
- **Cost savings** – Expensive secondary processes for metals such as painting and coating can be eliminated, reducing system costs.
- **Impact resistance** – Transparent polycarbonate has far better impact resistance than glass resulting in much less chance of breakage.

Where can Polycarbonate be used?

- Lenses
- Housings/Enclosures
- Optics
- Reflectors

Featured Materials

- **Housings - EMERGE™ PC 8030 Advanced Resins.** The material is UL 94 certified 5VA @ 2.5 mm and UL V-0 @ 0.8 mm offering the opportunity to control cost with less material and lighter weight parts. It's UL 746C f1 certified for outdoor applications.
- **Light Diffusion - EMERGE™ PC 8160-6 IC1300167 Advanced Resins.** This is a super-high-diffusion grade with an excellent LED hiding capability, innovative glare reduction technology, and high flux efficiency. The material is UL 94 certified V-0 @ 1.0 mm.

Please contact your Trinseo representative or contact our Customer Information Group at CIG@trinseo.com.



For more information on products, innovations, expertise, and other services available from Trinseo, visit www.trinseo.com, or contact us as indicated below.

North America	+1-855-TRINSEO (855-874-6736)
Europe	+31-115-67-2601
South America	
Brazil	+0800-0474714
Argentina	+0800-2660569
Chile	+1230-020-1124
Colombia	+01800-5182475
Mexico	+01800-0834913
Asia Pacific	+60-3-7965-5319
China	+86-21-3851-1017
Email	CIG@trinseo.com

www.trinseo.com