

16 - Stepped Glasses

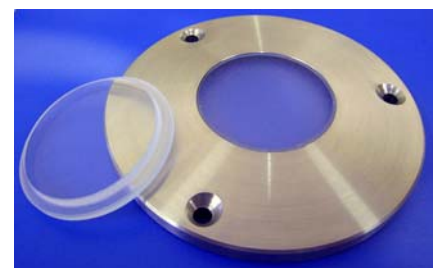
Glasslite is a stockist and distributor of machined and toughened stepped glasses.

They are a specialist product that are used for a wide range of lights: regressed glasses for inground uplights - ceiling/wall lights - bollard lights.

In the main Glasslite stepped glasses are manufactured from Extrawhite low iron glass.

Advantages of using toughened stepped glasses compared to flat or moulded/cast glasses:

- **No mould costs**, enabling savings when different sizes for a large range of products is required.
- **Extrawhite glass:**
 - Low iron oxide glass with a premium surface quality.
 - Extremely clear. It does not contain the common greenish colour of standard float glass therefore it does not falsify colours and is neutral in lighting applications.
 - Very high light transmission properties.
 - Efficiency, does not heat up as much as standard float glass and therefore offers advantages when surface temperatures play an important role, e.g. inground uplights - in some applications, (depending on design and construction) the temperature of the cover glass can be reduced about 10–20%.
- **Temperature resistance up to 280°C.**
- **Higher resistance to thermal shock.**
- **Higher precision processing.**
- **Higher mechanical stability.**
- **Step shaped glass seals with the fitting in one plane**, resulting in superior seal and IP ratings.
- **Glasses can be finished with anti-slip surface print, logos/patterns.**
- **Extrawhite stepped glass thicknesses:** 5-6-8-10-12-15-19mm.
- **Processed in a wide variety of shapes and sizes** to meet specific requirements.
- **Technical assistance** can be provided from development to final product: temperature and load testing.
- **Machined standard and special support components.**



Note: Surcharge, minimum quantities and lead times apply.

