

Splendid quality 12 mm toughened glass for lighted glass deck railing



What is 12mm toughened glass railing LED light?

12mm toughened glass railing system is using 12mm toughened glass as glass railing system. It is produced by heating 12mm clear or tinted edge worked glass to around 700 degrees in the tempering oven and then cool down rapidly by a strong wind jet. This process is also called glass quenching, it will form compression stress on the 12mm glass surface whereas the interior is still in tension. After 12mm glass is toughened, it will be 5 times stronger than normal 12mm annealed glass.



Glass railing LED lights

Specifications of glass railing with lights

- **Multiple tinted glass colors** available, such as low iron, green, blue, grey, bronze, etc;
- **Variety of glass types:** clear [toughened glass](#), curved toughened glass, digital printed glass, ceramic frit printed glass, 12mm frosted toughened glass, etc;
- **Shape:** flat or curved, according to customer's requirement;
- **Max size:** according to client's request. We can help optimize the size to cut down the cost as well;
- **Lead time:** 7~12 days after order confirmed;
- **MOQ:** 50SQM

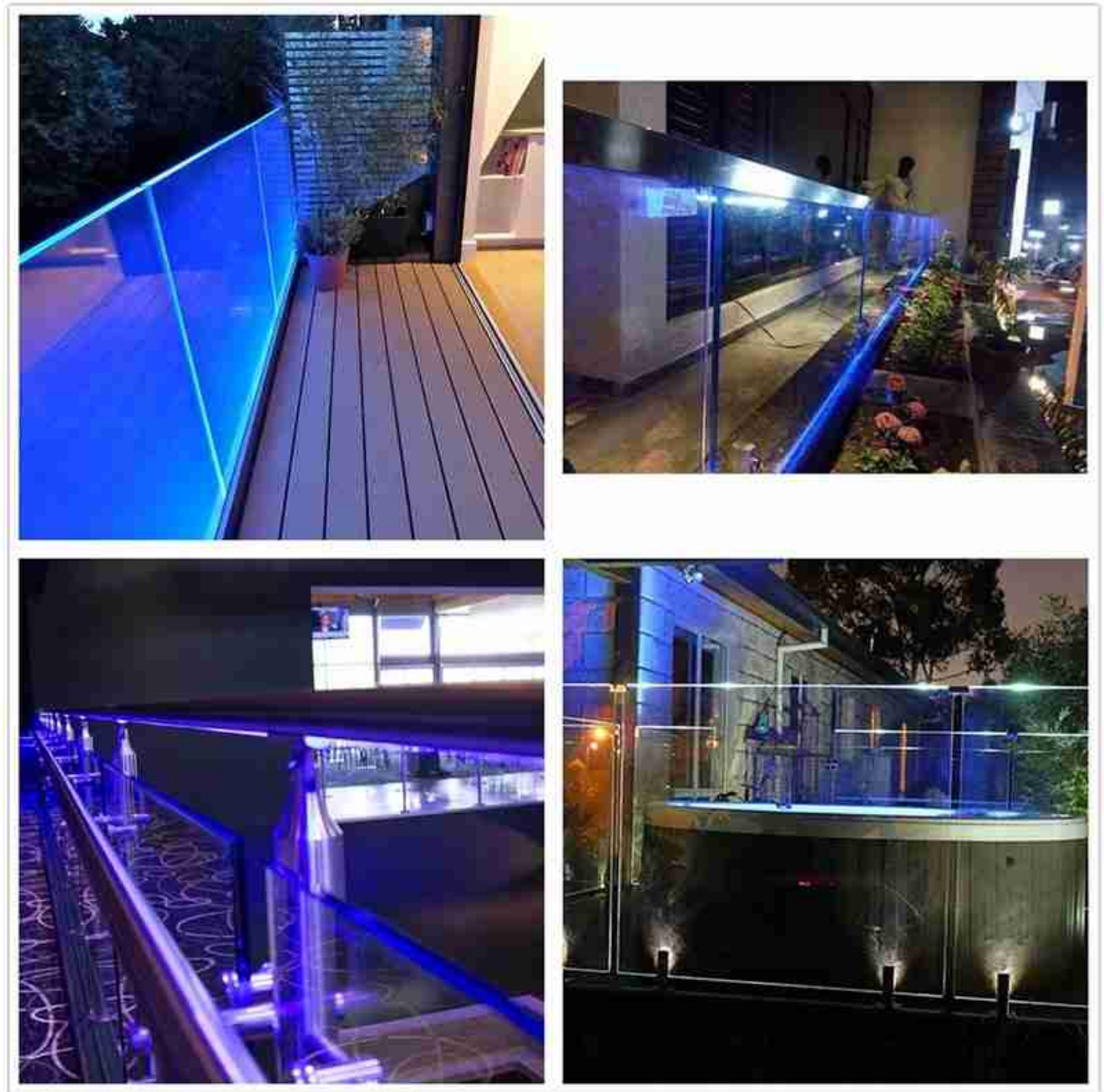
Quality standard:

- Glass railing with lights subject to ISO9001 standard;
- Glass railing with lights subject to CE EN2190;
- Glass railing with lights subject to AS TM1248;
- Glass railing with lights subject to AS/NZS 2208:1996;

Installation instructional video of lighted glass deck railing

Lighted glass deck railing installation

Applications of lighted glass deck railing



Glass railing LED lights

Production details:

- 1. Adopting high-quality grade 12mm glass material make sure no bubbles, no chips, no scratches, super flat

surface;

- **2.Cutting:** use advanced cutting machines to ensure there are no chips, sizes accuracy;
- **3.Grinding:** polished the edges with no chips, no micro-cracks, no flaws;
- **4.Drilling:** accurately drill the holes according to the CAD drawing;
- **5.Tempering:** use world advanced super flat & spotless tempering machine to ensure excellent tempering stress uniformity and flatness, lowest tempering spontaneous breakage rate;
- **6.**We have a strict QC inspection team to inspect each process to ensure no flaws occur during each process;

Packing and delivery



Glass railing LED lights packing details from [Shenzhen Dragon Glass](#)

If you also like lighted glass deck railing, feel free to ask

for more details! If you have any inquiries related to such projects, welcome to [contact us](#) at any time!