



Twin Peaks Jewellery Lighting

The tightly tolerated and controlled selection process that Lumenal applies to light emitting diodes from market leaders Cree and SSC, will guarantee the consistency of the specially designed light colours, as well as brightness, throughout the lifetime of the fittings, which is projected to be in excess of 50,000 hours constant use.

Lumenal's Twin Peaks Technology produces no UV or Radiant heat. As well as reducing air conditioning bills, this means that the store's jewellery will stay cool to the touch, making it more appealing to customers when handled. Lumenal's luminaires also remove the risk of the fading of packaging and display materials caused by UV light, which is emitted by conventional sources, but not LED lighting.

A further advantage offered by Lumenal's luminaires is their energy efficiency. They typically require up to 60% less energy than conventional fittings to provide similar or improved quality of light, resulting in considerable savings in energy costs, which, in combination with the reduction of maintenance costs, normally provides a return on investment within 12 - 24 months, even when used as replacement lighting.

Benefits

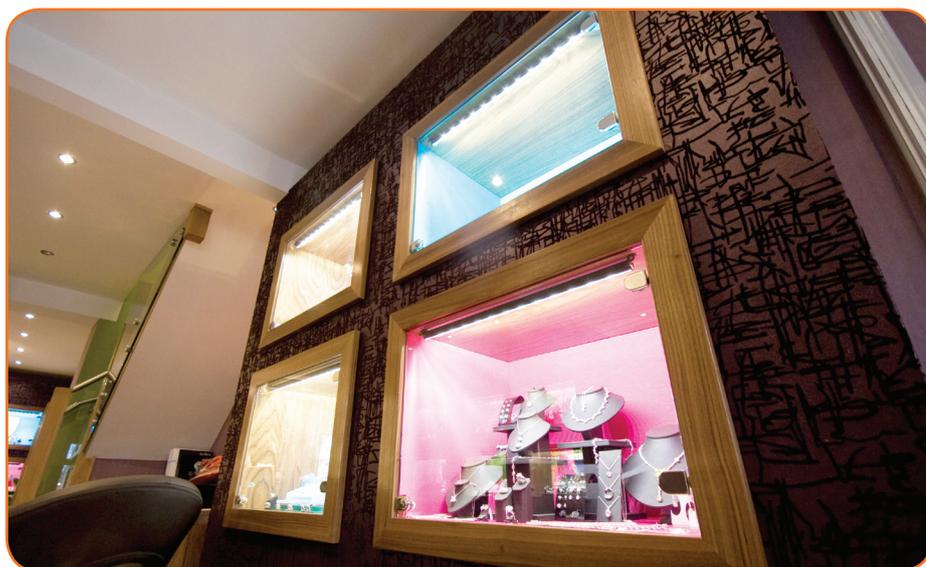
- Display gold, silver & diamonds side by side
- Highly energy efficient
- Lightweight aluminium construction
- Bespoke lengths, delivered in "off the shelf" lead times
- Slim fitting & easy to install
- No UV and low IR
- Massively reduces energy costs
- Designed and manufactured in the UK

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Christopher Evans Jewellers



Our twin peaks led lighting technology has recently been used with great success at Christopher Evans Goldsmiths Jewellers in the north of England to great effect.

“There are two benefits in particular that have come from installing Lumenal’s LED lighting. One is the quality of the light emitted by the fittings. They are far brighter than the conventional lights we had previously, and certainly bring our diamonds to life.

Second, our main problem with the previous lighting was the amount of heat they emitted, which made the closed shop environment very uncomfortable for staff and customers, and incurred considerable running costs due to air conditioning requirements. As Lumenal’s LED lighting emits significantly less heat, these problems no longer exist for us.”

Christopher Evans, Proprieter & Chief Goldsmith

Specification

| | ECO+ Range | ZX Range |
|-----------------------------|---|--|
| No. of LED's per 150mm | 3x 3000k LED's and 3 x 4000k LED's | Either 2x3000k and 1x4000k or 1x3000k and 2x4000k |
| Power (W) | 1.92 | 4.2 |
| CRI | 75 | 75 |
| Beam Width | X= 107° by y= 113° | X= 115° by Y=115° |
| Total Luminous Flux / 150mm | 164.4 | 247 |
| Efficacy (Lumens p/w) | 85.6 | 58.8 |
| Input Voltage | 12V DC | 12V DC |
| Lengths Available | Min 200mm, Max 2120mm in 150mm increments. | Min 200mm, Max 2120mm in 150mm increments. |
| Diffused Clear (LOR) | 90% | 90% |
| Diffuser Frosted (LOR) | 80% | 80% |

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