

# THINKLIGHT

## Lighting and wellness

Diversified applications improve living comfort

### Residential lighting

Recognising that lighting can serve as a functional art piece in the home, designers, homeowners and home improvement experts are paying attention to:

- Geometric lighting
- Mid-century modern designs
- Customisable colour
- Oversized fixtures
- Warmer finishes

### Office lighting

The latest workplace lighting is zeroing in on what is most important – people. Areas of focus are:

- Shifting from T5 lamps to LEDs
- Task and personalised lighting
- Wellbeing and productivity
- Maximised use of daylight
- Layered lighting designs
- Optimised visual conditions

### Hospitality lighting

In hospitality, creating the right mood and atmosphere can have powerful effects. To create a sense of comfort, dynamic lighting designers are looking at:

- Light sources for colour change and circadian rhythm matching
- Hybrid hospitality
- Simplistic designs
- Wellness lighting
- Connected lighting

### Retail lighting

In the retail space, lighting is trending towards low-level ambient options with higher contrast levels. Popular applications include:

- Customer-focused lighting
- Dynamic shop windows
- Comfort and mood lighting
- Energy efficient and sustainable

### Industrial lighting

The industrial lighting market has transitioned to networked lighting controls that incorporate embedded sensors and network communications for the advantages of:

- Power management
- Enhancing productivity
- Reliable performance
- Good colour rendering
- Improved safety conditions

### Transport lighting

Lighting in the transportation sector is often used for 24 hours a day and not changed for over five years. With modern technological developments, LEDs and smart controls can replace outdated, inefficient lighting to deliver serious energy savings. Benefits include:

- Maximised safety conditions
- Improved visual comfort
- Reliable performance
- Standardisation
- Easy maintenance
- Soft tunnel transition zone illumination

### Urban and architectural lighting

Energy costs, budget restrictions and awareness of the need for energy efficiency are rising. LEDs, smart controls and central management systems offer:

- Street lighting integration
- Reduced skyglow and wasted light
- Harmonised city lighting impressions
- Enriched quality of light
- Sustainability
- Accurate determination of cooling loads

### Horticultural lighting

An explosive new LED trend is horticultural lighting. Revolutionising the farming industry, related technologies enable sustainable year-round cultivation of fruit, vegetables and flowers. Features include:

- Various spectrums
- Mixed LED types
- Tolerant of harsh greenhouse elements
- Adds consistency and uniformity