Tonic Spotlight

A global retail spotlight with exceptional colour quality
Create a consistent, high quality global brand experience with Tonic

Specify in every country with global certification and an integrated multi-voltage driver.

- A truly global spotlight with certifications including CE, CCC, UL, RCM and EAC, and an integrated multi-voltage driver (110V – 240V)

- Engage customers with exceptional colour quality (CRI 90) that vibrantly and vividly illuminates products and displays

- Integrate across different architectural styles and applications with a classic tubular design and integrated track box available with a wide range of specifications

- Reduce energy consumption by more than 40% with advanced LED technology and highly efficient optics that deliver high efficacy (90 Lm/W)

- Interchange the lenses with a choice of four beam angles, from spot to very wide, to ensure flexibility to adapt to different lighting requirements
Increasing retail sales and efficiency is easy with Tonic

Retail lighting creates experiences, defines brands and quality, and ultimately, helps sell products. Helping to enhance customer wellbeing and to increase their time in store, retail lighting is proven to be an effective marketing tool with an integral and transformational role.

Regardless of whether you’re illuminating a supermarket, jeans store or bike shop, choosing the Tonic spotlight will provide an engaging customer experience with vivid, high quality general and accent lighting of both white and coloured items.

Specifically designed for retail applications, Tonic offers the flexibility to adapt to changing store concepts with features including interchangeable optics and rotate and tilt. Tonic’s high energy efficiency also reaps significant savings (more than 40%) in comparison to traditional technologies, which is especially beneficial for stores with long operating hours.

For global brands, Tonic is a truly global spotlight. Worldwide availability and short delivery times ensure Tonic easy to specify regardless of where your stores are. With Tonic you can move forward and grow with a flexible, consistent and cost-effective lighting solution.

WORLDWIDE AVAILABILITY

A truly global spotlight with certifications including CE, CCC, UL, RCM and EAC, and an integrated multi-voltage driver (110V – 240V)
Easy, flexible lighting design

The Tonic spotlight is easy to understand and specify with clear product options for flexible lighting design.

Two lumen packages

1800 LUMENS

2700 LUMENS

Two colour temperatures

3000K

4000K

Four beam angles thanks to interchangeable optics

Spot

Flood

Wide

Very wide

Two housing colours

White

Black

Four accessories

Anti-glare front ring

Barndoor for sharper lighting effect

Anti-glare cross louvre

Anti-glare honeycomb louvre

Two mounting options

Track

Independent
Interchangeable optics adapt to changing store concepts.

Using a simple screw in/out function, Tonic lenses are easily interchangeable between spot, flood, wide and very wide beam angles to ensure adaptability for both current and future lighting requirements.

Tonic’s advanced optics also optimise the shopping experience with iridescent-free lighting and a uniform lighting effect that prevents spots, shadows, dark areas and spill light.

For aesthetic consistency when directly replacing older technologies, Tonic features facetted lenses that mimic traditional reflectors.

- Flexible lighting solution possible due to different beam angles
- Realisation of different lighting scenarios
- Possibility of creating both uniform illumination and accent lighting
- Easiness in exchanging lenses, which generates different effects, within the same product

Refurbishment Example: Denim Fashion Shop
A Denim Shop with a good rendition of colours, the quality of light that enhances the space and supports the owner of a shop to give a positive impression of its products and attracts the customer into the shop. With the Tonic Spot LED lighting plays an important role in Retail Applications, providing whether accent or uniform lighting effects with efficiency of more than 50% in comparison to a conventional solution, being ideal for Refurbishment projects. The existing track of the conventional installation doesn’t need to be exchanged – just the lighting fittings. For the changing cabins and corridors, the lighting solution proposed is combined with Chalice Pro Downlights which generate an open atmosphere for the surroundings and avoid contrasts in the changing cabins with a good overall illumination. In Cash Areas and desks with product demonstration, Glacier II LED Pendant luminaires are used to provide a different architectural perspective and lighting effect.

Luminaires New
- 24 Pieces Tonic Spot LED 1800lm 90lm/W
- 14 Pieces Chalice Pro LED 1500lm 83lm/W
- 06 Pieces Glacier II LED 2710lm 92lm/W

Luminaires Before
- 24 Pieces 1x35W HIPAR 111 Spot 1630lm 37lm/W
- 14 Pieces 2x18W TC-DEL Downlight 1478lm 41lm/W
- 06 Pieces 1x35W HIT-CE HF Pendant 2198lm 75lm/W

Light Management
- Switching ON and OFF

Calculation Period - 15 Years
Installation

From replacing existing three-phase track installations on a global scale to adapting to seasonal product displays, installing Tonic is easy and flexible.

Install worldwide
With global certifications including CE, CCC, UL, RCM and EAC, Tonic is certified for Europe, North America and China. An integrated multi-voltage driver (110V – 240V) ensures you can use this spotlight anywhere.

Directly replace HID lamps
Saving time, money and inconvenience, Tonic features a global 3-phase GA69 certified track adapter for the use with existing 3-phase track installations. You can easily and directly replace up to 50W HID lamps with Tonic.

Rotate and tilt
You can rotate Tonic 350° and tilt 90° to easily adjust to changing product displays and store layouts.

Mounting options
– Track and Independent

Energy saving opportunities

Reduce energy costs by up to 50% with Tonic.

Energy Efficiency – Course of overall costs of solution over lifetime:

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<th>Years</th>
<th>Conventional</th>
<th>Tonic Spot</th>
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Scheme details:
Retail space: 87.5m²
Energy costs: 0.12 KWh
Changing lamps every 2 years for the conventional solution
LED: Cleaning the luminaries every 3 years
Calculation period: 15 years
Installation costs: 45€ / hour
Burning hours: from Monday to Friday from 09:00 to 19:00

Investment costs vs. running costs of solution (absolute)

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- total investment cost
- total running cost over lifetime
- saving
Product specification

A global retail spotlight with exceptional colour quality.

Application
- Retail
- Showrooms
- Stores
- Shopping mall
- Hotel and Restaurants
- Cafe and Bars

Standards

Light source information
Life time 50 000 Hours @L70 Ta 25°C
Colour Temperature 3000K and 4000K
CRI >90
MacAdams 3

Materials/Finish
Body: aluminium, microstructured white or black

Installation/Mounting
Tool free for track mounting with interchangeable lenses

Specification
To specify state:
LED spotlight with colour rendering Ra >90, optimised for efficient, high-output accent lighting in retail applications; passive cooling thanks to innovative thermal design with integrated driver; Luminaire with 3-phase universal adapter Global GA69 (for Thorn Supertrack2). Colour rendering Ra > 90, colour temperature 3000K and 4000K.
Spotlight available in 4 different beam shapes with rotationally symmetrical faceted lenses; Chromaticity tolerance (initial MacAdam): 3; Lifetime performance: 50000 h for luminous flux at 70% of initial value; UVA-free and IR-free light; world wide mains voltage: 100-240V/ 50/60Hz; spotlight can be rotated 350° and tilted 90°; spotlight housing made of die-cast aluminium, surface finish: microtextured paint in white or black; power supply box integrated in spotlight housing; anti-glare ring in housing colour; front ring used for accessories installation; highly efficient faceted lenses made of Polycarbonate (PC), iridescence-free; lenses designed to be interchangeable; Spotlight housing dimensions: 190mm, Diameter: 95mm; weight: 1.2 kg.
As Thorn Tonic.

Ordering guide

Description | Wt (Kg) | SAP Code
--- | --- | ---
TONIC SPOT LED1800-930 MT3 SP WH | 1.30 | 96665962
TONIC SPOT LED1800-930 MT3 FL WH | 1.30 | 96665963
TONIC SPOT LED1800-930 MT3 SP BK | 1.30 | 96665970
TONIC SPOT LED1800-930 MT3 FL BK | 1.30 | 96665971
TONIC SPOT LED2800-930 MT3 SP WH | 1.30 | 96665986
TONIC SPOT LED2800-930 MT3 FL WH | 1.30 | 96665987
TONIC SPOT LED2800-930 MT3 SP BK | 1.30 | 96665994
TONIC SPOT LED2800-930 MT3 FL BK | 1.30 | 96665995
TONIC BARNDOOR (SPCS) | 0.75 | 96666010
TONIC CROSSLOUVRE (SPCS) | 0.10 | 96666011
TONIC HONEYCOMB (SPCS) | 0.10 | 96666012
TONIC ANTI-GLARE TUBE (SPCS) | 0.10 | 96628584
TONIC LENS SP (SPCS) | 0.50 | 96628585
TONIC LENS FL (SPCS) | 0.50 | 96628586
TONIC LENS WFL (SPCS) | 0.50 | 96628587
TONIC LENS VFL (SPCS) | 0.50 | 96628588
TONIC FRONTRING BK (SPCS) | 0.50 | 96628589
BK - Black
WH - White
SP - Spot beam angle
FL - Flood beam angle
WFL - Wide flood beam angle
VFL - Very wide flood beam angle
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5 Year Warranty
As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European Countries.

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