



Tonic

A global retail spotlight with exceptional colour quality

THORN

Create a consistent and high quality global brand experience with Tonic

Specify worldwide with global certification and an integrated multi-voltage driver.

- A truly global spotlight fully certified for use worldwide and equipped with a multi-voltage driver
- 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 modern tubular design and integrated power supply, available with a wide range of configurations
- 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 flood, to ensure flexibility to adapt to different lighting requirements





Increasing retail sales and efficiency is easy with Tonic

Helping to enhance the customer experience 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 that correctly displays colours and textures.

Specifically designed for retail applications, Tonic offers the flexibility to adapt to changing store concepts with features including interchangeable optics and precise aiming. 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 is 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



Easy, flexible lighting design


The Tonic spotlight is easy to understand and specify with clear product options.


Lumen packages

**1800
LUMENS**

**2800
LUMENS**

Colour temperatures


3000K
warm white


4000K
neutral white

Housing colours



White



Black

Four beam angles thanks to interchangeable optics



Spot

Flood

Wide

Very wide

Accessories



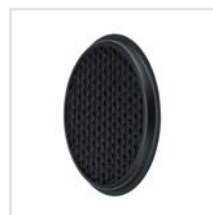
Barndoor for sharper lighting effect



Anti-glare front ring



Anti-glare cross louvre



Anti-glare honeycomb louvre



93.50

93.50

collezione Biologia della Banca d'America



96.00

110.50



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

Tonic is certified for Europe, Russia, North America, Australia and China with global certifications including CE, CCC, UL, RCM and EAC. An integrated multi-voltage driver ensures you can use this spotlight anywhere.

Directly replace HID lamps

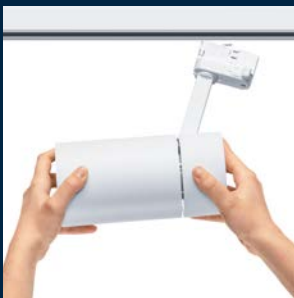
Saving time and money, Tonic features a global 3-phase GA69 certified track adapter for use with existing 3-phase track installations. You can easily and directly replace up to 50W HID lamps with Tonic.

Rotate and tilt

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

Mounting options

Track or single point mounted.



Identify the right location of the spotlight near the track installed.



Position the spotlight inside the track.



Close the lever and lock the spotlight.



Once closed, the spotlight is locked into position.



Select the correct phase.



Rotate wheel to select the correct phase (1-3).



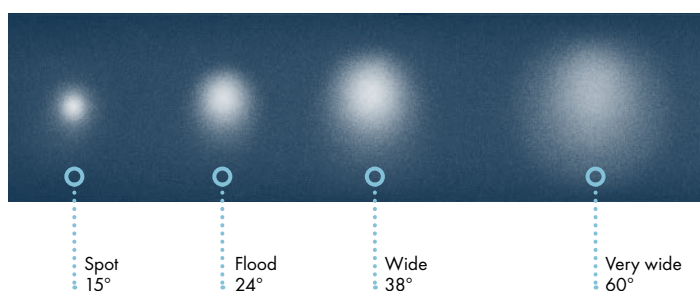
Adjust the spotlight according to individual needs.



The spotlight is now ready to use.

Optics

Interchangeable optics adapt to changing store concepts.



Tonic lenses are easily interchangeable between spot, flood, wide flood and very wide flood beam angles. This ensures adaptability for both current and future lighting requirements. Using Tonic's front ring tool, removing the click-in ring is simple.

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 faceted lenses that mimic traditional reflectors.

- Flexible lighting solution possible through different beam angles
- Create different lighting scenarios
- Create both uniform illumination and accent lighting
- Easy to change lenses, which generate different effects from the same product



Using the front ring tool (supplied with the lens) push the metal rod into the gap on either side of the plastic pin.



Pull the ring towards you, partly removing the ring.



Repeat the process 3 times for gaps a, b and c.



Remove the front ring.



Turn the spotlight upside down and carefully remove the lens. Do not handle lens without gloves.



Place the spotlight on an even surface with the aperture facing upwards and fit the new lens.



Replace the front ring into the spotlight housing.



Push the ring into position, this will be confirmed by click as it locates into the housing.

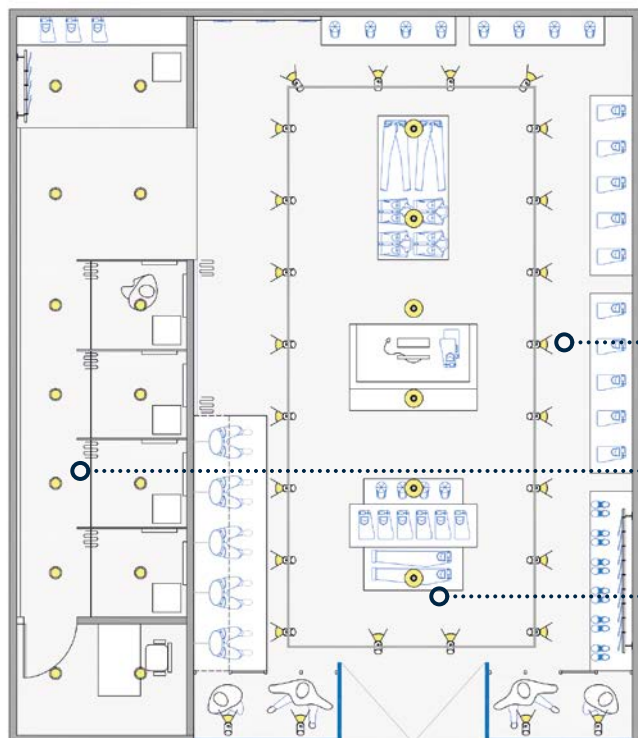
Refurbishment

Example: Denim fashion shop.

A denim shop needs good colour rendering to create a quality light which enhances the space and attracts customers by giving a positive impression of the store and its products. Specifically designed for retail applications, Tonic provides accent or uniform lighting effects and reduces energy consumption by more than 40% in comparison to non-LED alternatives. Ideal for refurbishment projects, you do not need to change the existing track of the conventional installation – just the light fittings.

For the changing rooms and corridors, the Tonic spotlights are complemented with Thorn’s Chalice Pro downlights. The downlights create an open atmosphere for the surroundings and avoid contrasts in the changing rooms with a good overall illumination.

For payment areas and product demonstration desks, Thorn’s Glacier II LED pendant luminaires provide a different architectural perspective and lighting effect.



Luminaires New

-  24 Pieces Tonic Spot LED
CRI>90 1800lm >90lm/W
-  14 Pieces Chalice Pro LED
CRI>90 1600lm >95lm/W
-  6 Pieces Glacier II LED
CRI>80 2710lm >92lm/W

Luminaires Before

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

Lighting Management

Switching ON and OFF

Calculation Period

15 Years

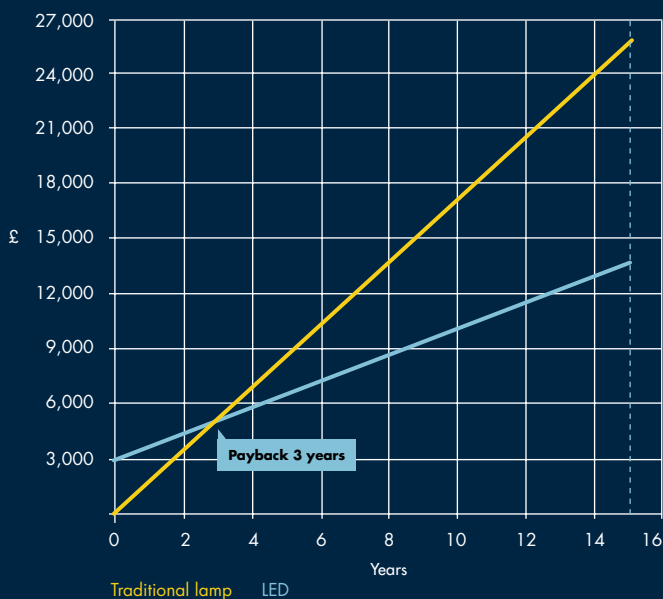
Energy saving opportunities

Ideal for refurbishment projects, Tonic reduces energy consumption by more than 40% in comparison to non-LED alternatives.

Retail lighting is energy intensive with long operating hours increasing the need for energy efficient lighting. With efficient LEDs and a payback time of just three years, switching to Tonic offers attractive financial savings.

Reduce energy costs by more than 40% with Tonic.

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



Traditional lamp LED

Scheme details:

Retail space: 87.5m²

Energy costs: 0.12 £/kWh

Changing lamps every 2 years for the traditional/non-LED solution

LED: Cleaning the luminaires every 3 years

Operating hours: 3128.5 h/a

All calculations are based on an annual increase of energy and operating costs of 5%.

Investment costs vs. running costs of solution (absolute)

Traditional lamp



Tonic Spot



10% 40% 50%

■ total investment cost

■ total running cost over lifetime

■ saving

Product specification

A global retail spotlight with exceptional colour quality.

Application

- Retail
- Showrooms
- Stores
- Shopping centres
- Hotel and Restaurants
- Cafe and Bars

Standards



Light source information

Lifetime 50 000 Hours @L70 Ta 25°C
 Colour Temperature 3000K and 4000K
 CRI >90
 MacAdams 3

Materials/Finish

Body and bracket: aluminium, microstructured, white or black
 Driver box and click-in ring: polycarbonate, microstructured, white or black
 Lenses: polycarbonate, faceted

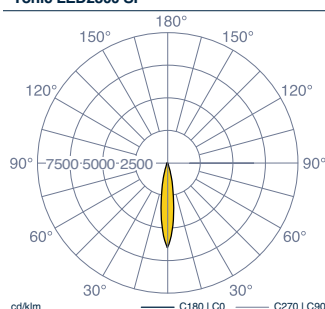
Installation/Mounting

Tool free for track mounting with interchangeable lenses.
 Single point mounted options available.

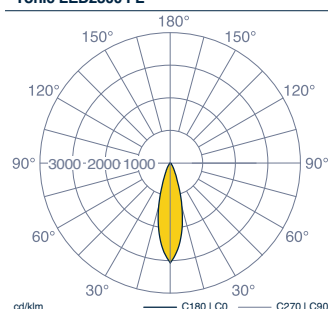
Specification

To specify state:
 LED spotlight with colour rendering Ra >90 and integrated driver for the use with 3-phase tracks (Thorn Supertrack2). Available in 3000K and 4000K with four different beam shapes. Chromaticity tolerance (initial MacAdam): 3; Lifetime performance: 50 000 h L70; worldwide mains input voltage range 100-240V at 50/60Hz; anti-glare ring in housing colour; highly efficient and iridescence-free faceted lenses; lenses designed to be interchangeable; As Thorn Tonic Spot.

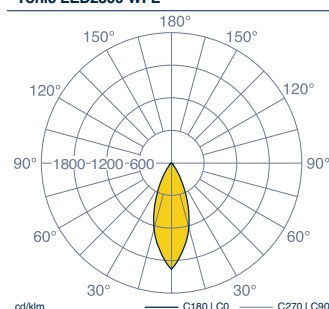
Tonic LED2800 SP



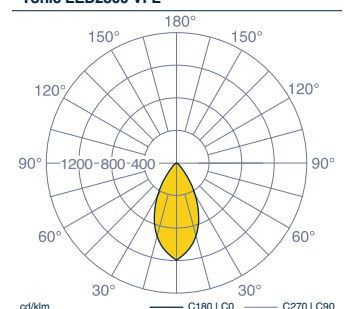
Tonic LED2800 FL



Tonic LED2800 WFL



Tonic LED2800 VFL

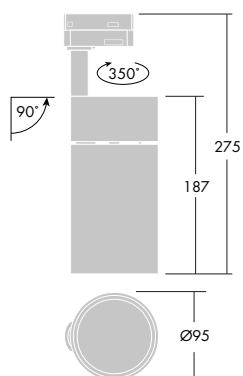




Ordering guide

Description	Wt (Kg)	SAP Code
Tonic Spot - 1800lm 3000K		
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 - 2800lm 3000K		
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
Accessories		
TONIC BARNDOOR (5PCS)	0.75	96666010
TONIC CROSSLOUVRE (5PCS)	0.10	96666011
TONIC HONEYCOMB (5PCS)	0.10	96666012
TONIC ANTI-GLARE TUBE (5PCS)	0.10	96628584
TONIC LENS SP (5PCS)	0.50	96628585
TONIC LENS FL (5PCS)	0.50	96628586
TONIC LENS WFL (5PCS)	0.50	96628587
TONIC LENS VFL (5PCS)	0.50	96628588
TONIC FRONTRING BK (5PCS)	0.50	96628589
TONIC FRONTRING TOOL	0.10	96628590

BK - Black
 WH - White
 SP - Spot beam angle
 FL - Flood beam angle
 WFL - Wide flood beam angle
 VFL - Very wide flood beam angle
 MT3 - 3-phase track mounting



NEW!

Configure a lighting solution with myProduct

The new myProduct configurator allows you to quickly and easily configure a lighting solution.

Try it now at www.thornlighting.co.uk/myproduct

Great Britain

Thorn Lighting Limited
Durhamgate, Spennymoor,
County Durham, DL16 6HL
T +44 138 842 0042
www.thornlighting.co.uk

Sales support
T +44 844 855 4810
F +44 844 855 4811

Quotations
T +44 191 301 3036
uk.quotations@zumtobelgroup.com

TCS (After Sales)
T +44 191 301 3939
tcs.uk@zumtobelgroup.com

Technical support
T +44 844 855 4812
F +44 191 301 3107
technical@zumtobelgroup.com

Spare parts
T +44 191 301 3131
F +44 191 301 3038
spares@zumtobelgroup.com

Literature requests
Brochures on specific
products/ranges
lightcentreuk@zumtobelgroup.com



ISO 9001:2008
Reg: AT00005/5

ISO 14001:2004
Reg: AT00247/2

Manufacturing



Member of the Lighting
Industry Association



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.

www.thornlighting.co.uk/warranty

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