



Lässt uns all zu Freunden werden,
Friedlich wird es dann auf Erden.
War den Wein so klug genießt
Freude aus den Sternen Liest,
seines Herzens Schlag:
Wen vergötzet jeden Tag

MACIA JULIA

Tonic Spotlight

A global retail spotlight with exceptional colour quality

THORN

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



1,800



2,700

Two colour temperatures



3000K



4000K

Four beam angles thanks to interchangeable optics



Spot

Flood

Wide

Very wide

Two housing colours



White



Black

Four accessories



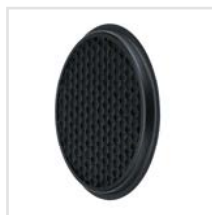
Anti-glare front ring



Barndoor for sharper lighting effect



Anti-glare cross louvre



Anti-glare honeycomb louvre

Two mounting options

Track

Independent

Optics

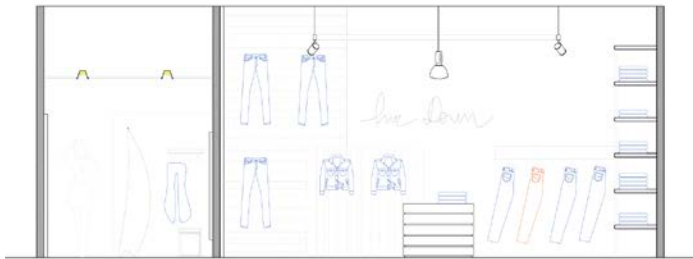
Interchangeable optics adapt to changing store concepts.

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.

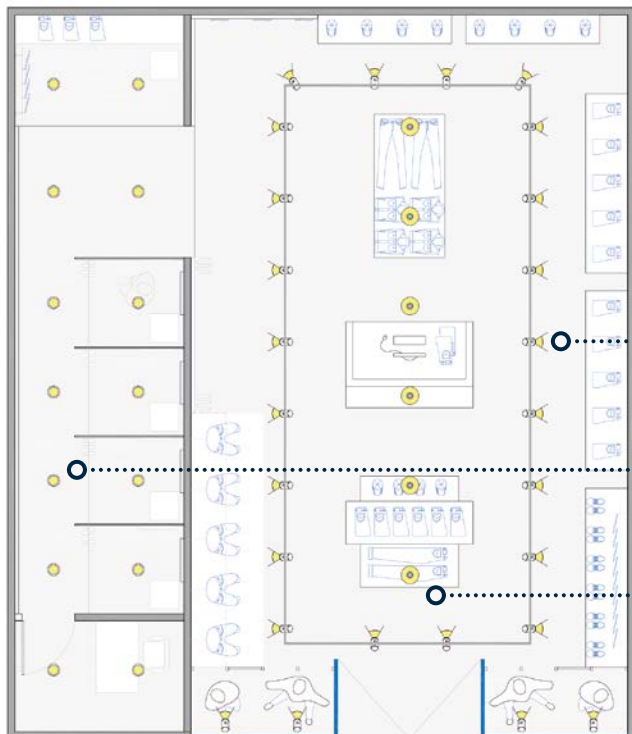
For aesthetic consistency when directly replacing older technologies, Tonic features faceted lenses that mimic traditional reflectors.

- Flexible lighting solution possible due to different beam angles
- Realisation of different lighting scenarios
- Possibility of creating both uniform illumination and accent lighting
- Ease 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.

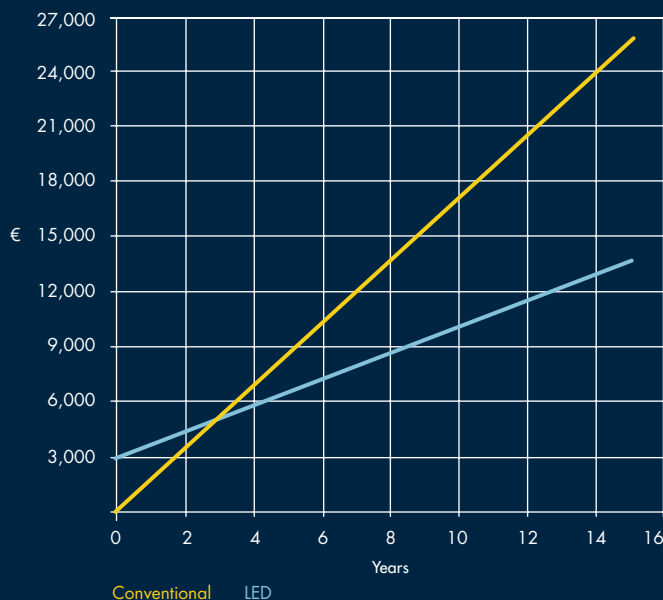
Mounting options

– 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:



Scheme details:

Retail space: 87.5m²
 Energy costs: 0.12 kWh
 Changing lamps every 2 years for the conventional solution
 LED: Cleaning the luminaires 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)

Conventional



Tonic Spot



■ 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

IP20 T_a 0
+25  

Light source information

Life time 50 000 Hours @L70 T_a 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

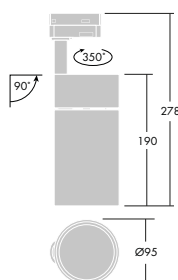
Specification

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 - 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 BARNDOR (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

BK - Black
WH - White
SP - Spot beam angle
FL - Flood beam angle
WFL - Wide flood beam angle
VFL - Very wide flood beam angle



Thorn Lighting Main Offices

<p>Africa Thorn Europhane S.A 156 Boulevard Haussmann 75379 Paris Cedex 08, France T +33 1 49 53 62 62 F +33 1 49 53 62 40 thorn.promotion@zumtobelgroup.com www.thornlighting.fr</p>	<p>Croatia ZG Lighting d.o.o. Ulica Petra Hektorovića 2 10000 Zagreb, Croatia T +38 516 40 40 80 F +38 516 40 40 90 welcome@zumtobel.hr www.thornlighting.hr</p>	<p>Ireland Thorn Lighting (Ireland) Limited Century House, Harold's Cross Road, Dublin 6W T +353 1 4922 877 F +353 1 4922 724 dublinsales@zumtobelgroup.com www.thornlighting.co.uk</p>	<p>New Zealand ZG Lighting (NZ) Limited 27 Jomac Place, Avondale, Auckland 1026, PO Box 71 134, Rosebank, Auckland 1348 T +64 9 820 2893 F +64 9 820 7591 info.nz@thornlighting.com www.thornlighting.co.nz</p>	<p>Slovenia ZG Lighting d.o.o. Štukljeva cesta 46, 1000 Ljubljana, Slovenia T +386 1 56 09 820 si.welcome@zumtobelgroup.com www.thornlighting.si</p>
<p>Australia ZG Lighting Australia Pty Ltd 43 Newton road, Wetherhill Park, NSW 2164 T +61 2 8786 6000 F +61 2 9612 2700 infoaustralia@zumtobelgroup.com www.thornlighting.com.au</p>	<p>Cyprus, Greece, Malta and Turkey Zumtobel Lighting GmbH Schweizer Strasse 30, A-6851 Dornbirn, Austria T +43 5572 39 00 F +43 5572 22 826 welcome@zumtobel.si www.thornlighting.com</p>	<p>Italy ZG Lighting Srl socio unico Via G Di Vittorio, 2, Cadriano di Granarolo, Bologna 40057, Italy T +39 051 763391 F +39 051 763088 thorn.it@zumtobelgroup.com www.thornlighting.it</p>	<p>Norway Thorn Lighting AS Bygdey allé 4, 0257 Oslo T +47 22 82 07 00 kundeservice.no@zumtobelgroup.com www.thornlighting.no</p>	<p>South + East Africa Thorn Lighting Ltd Durhamgate, Spennymoor, County Durham, DL16 6HL Main Switchboard United Kingdom T +44 1388 42 00 42 www.thornlighting.co.uk</p>
<p>Austria ZG Lighting Austria GmbH Wagramer Strasse 19 1220 Wien T +43 1 258 26 01-0 F +43 1 258 26 01-82845 info.at@zumtobelgroup.com www.thornlighting.at</p>	<p>Czech Republic ZG Lighting Czech Republic s.r.o., Jankovcova 2, 170 00 Praha 7 T +42 266 78 22 00 F +42 266 78 22 01 thorn.cz@zumtobelgroup.com www.thornlighting.cz</p>	<p>Kingdom of Saudi Arabia Zumtobel Lighting Saudi Arabia Ltd. Al Rawadah District Prince Sultan St. Al Murjanah Tower Bldg. No 8125, 2nd Floor, Office 204 P.O. Box 11911 Jeddah, 21463 T +966 012 565 8823 ext.4 F +966 012 6533153 marketing.mena@zumtobelgroup.com www.thornlighting.ae</p>	<p>Poland ZG Lighting Polska Sp. Z o.o. Ul. Woloska 9A 02-583 Warszawa Polska T +48 22 856 74 31 zgpoliska@zumtobelgroup.com www.thornlighting.pl</p>	<p>Spain ZG Lighting Iberia, S.L. C/ Inocencio Fernández, 81 Bajo 28035 Madrid (Spain) T +34 916 593 076 info.spain@zumtobelgroup.com www.thornlighting.es</p>
<p>Benelux ZG Lighting Benelux Rijksweg 47 A, Industriezone Puurs Nr. 442 BE-2870 Puurs, Belgium T +32 3 860 93 93 F +32 3 886 25 00 info.be@thornlighting.com www.thornlighting.be</p>	<p>Denmark Thorn Lighting A/S Stamholmen 155, 5. sal, 2650 Hvidovre T +45 76 96 36 00 kundeservice.dk@zumtobelgroup.com www.thornlighting.dk</p>	<p>Korea #1506, Union Center Building, 310, Gangnam road, Gangnam-gu. Seoul 06253, Korea T +82 2 565 8823 ext.4 F +82 2 565 8827 info.kr@zumtobelgroup.com</p>	<p>Qatar Thorn Lighting WLL Abdul Jaleel Business Centre, Office No. 304, Najma, Old Airport road Doha, P.O. Box 6026, State of Qatar T +974 4432 1445 F +974 4432 1445 dakshata.sathy@zumtobelgroup.com www.thornlighting.ae</p>	<p>Sweden Thorn Lighting Hyllie Boulevard 10b 215 32 Malmö T +46 40 649 20 00 F +46 418 265 74 kundeservice.se@zumtobelgroup.com www.thornlighting.se</p>
<p>Bosnia and Herzegovina ZG Lighting d.o.o. Zmajica od Bosne br. 7 – Importanne Center BiH-71 000 Sarajevo T +38 733 59 04 63 F +38 733 59 04 63 welcome.ba@zumtobelgroup.com www.thornlighting.ba</p>	<p>France Thorn Europhane SA 156 Boulevard Haussmann, 75379 Paris Cedex 08, France T +33 1 49 53 62 62 thorn.promotion@zumtobelgroup.com www.thornlighting.fr</p>	<p>Latin America ZG Lighting Southern Europe and Latam, S.L. Calle Orinoco 90, planta 21, Of. 03 Las Condes, Santiago de Chile (Chile) T +56 22 573 77 80 info.latam@zumtobelgroup.com www.thornlighting.es www.thornlighting.com</p>	<p>Romania Zumtobel Lighting Romania SRL Str. Radu Greceanu 2, Sector 1 012225, Bucuresti, Romania T +40 31225 3801 ro.welcome@zumtobelgroup.com www.thornlighting.com</p>	<p>Switzerland Zumtobel Licht AG Thurgauerstrasse 39, 8050 Zürich T +41 44 305 35 35 F +41 44 305 35 36 info@thornlighting.ch www.thornlighting.ch</p>
<p>China Thorn Lighting (Guangzhou) Limited 12A Lian Yun Road Eastern Section GETDD, Guangzhou 510530, P.R. China T +86 20 2232 6000 Sales Hotline: 400 8080 195 info.cn@zumtobelgroup.com zumtobel.com.cn</p>	<p>Germany ZG Licht Süd GmbH Carl-Benz-Straße 21 60386 Frankfurt T +49 69 26 48 89-0 F +49 69 26 48 89-80 frankfurt@zumtobel.com www.thornlighting.de</p>	<p>Luxembourg ZG Lighting Benelux Rue de Luxembourg 177 8077 Bertrange, Luxembourg T +352 26 44 03 50 F +352 26 44 03 51 info.lu@thornlighting.com www.thornlighting.lu</p>	<p>Russia Thorn Lighting Skakovaya str., h. 17, bl. 2, office 2110 125040, Moscow T +7 495 981 35 40 F +7 495 981 35 42 office.moscow@zumtobelgroup.com www.thornlighting.ru</p>	<p>United Arab Emirates - Dubai Thorn Lighting Ltd Dubai 4B Street, Al Quoz industrial area, P.O.Box: 22672, Dubai, United Arab Emirates T +971 4 294 8938 marketing.mena@zumtobelgroup.com www.thornlighting.ae</p>
<p>Thorn Lighting (Guangzhou) Limited Shanghai Branch Room 802, No.H Building, No.142 Tianlin Road, Shanghai 200233, P.R. China T +86 20 8551 5759</p>	<p>Hong Kong, Taiwan ZG Lighting Hong Kong Ltd. Unit 503 – 508, 5/F, Building 16W, Phase 3, Hong Kong Science Park, New Territories, Hong Kong T +852 2578 4303 F +852 2887 0247 info.hk@zumtobelgroup.com</p>	<p>Middle East - Bahrain, Kuwait, Jordan, Palestine, Lebanon, Iran, Yemen, Oman Thorn Lighting Ltd 48 Street, Al Quoz industrial area, P.O.Box: 22672, Dubai, United Arab Emirates T +971 4 294 8938 marketing.mena@zumtobelgroup.com www.thornlighting.ae</p>	<p>Serbia and Montenegro ZG Lighting d.o.o. Beton hala – Karadordeva 2-4 11000 Beograd, Serbia T +381 (0) 11 65 57 656 welcome.rs@zumtobel.com www.thornlighting.rs</p>	<p>United Kingdom ZG Lighting (UK) Limited Durhamgate, Spennymoor, County Durham, DL16 6HL T +44 1388 42 00 42 F +44 1388 42 01 56 lightcentreak@zumtobelgroup.com www.thornlighting.co.uk</p>
<p>Thorn Lighting (Guangzhou) Limited Beijing Branch Room 2101, Block B, Jianwai SOHO East, 39 East 3rd Ring Road, Chaoyang District, Beijing 100022, P.R. China T +86 10 6505 4601</p>	<p>Hungary ZG Lighting Hungary Kft 1134 Budapest, Váci út 49. T +36 1 450 2490 F +36 1 350 0829 welcome@zumtobel.hu www.zumtobel.hu</p>	<p>The Netherlands ZG Lighting Benelux Piet Heinkade 55 1019 GM Amsterdam, the Netherlands T +31 20 235 23 00 F +31 20 235 23 99 info.nl@thornlighting.com www.thornlighting.nl</p>	<p>Singapore Thorn Lighting (Singapore) Pte Ltd 158 Kallang Way # 06-01/02 Singapore 349245 T +65 6844 5800 F +65 6745 7707 info.sg@zumtobelgroup.com</p>	<p>www.thornlighting.com</p>
<p>Thorn Lighting (Guangzhou) Limited Guangzhou Branch 23E, Sanxin Building, No. 33 Huangpu Road West, Tianhe District Guangzhou 510623, P.R.China T +86 20 8551 5759</p>	<p>India Thorn Lighting India Pvt. Ltd. No.43, Chamiers Road, Raja Annamalaiapuram, Chennai – 600028, Tamilnadu, India. T +91 44 2435 7588 F +91 44 2435 8744 info.in@thornlighting.com www.thornlighting.in</p>	<p>Slovakia ZG Lighting Slovakia s.r.o. Tomášikova 64 831 04 Bratislava T +421 220 300 044 welcome@zumtobel.sk www.thornlighting.sk</p>	<p>Singapore Thorn Lighting (Singapore) Pte Ltd 158 Kallang Way # 06-01/02 Singapore 349245 T +65 6844 5800 F +65 6745 7707 info.sg@zumtobelgroup.com</p>	<p>www.thornlighting.com</p>



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.com/warranty

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