

THORN
LIGHTING



TITUS

High performance, versatile linear high bay
with superior efficiency



**WE
MAKE
LIGHT
WORK**

DESIGNED FOR PERFORMANCE. BUILT FOR VERSATILITY.

Combining innovative modular design with exceptional performance, Titus delivers up to 187 lm/W efficacy and a 100,000-hour lifetime (L80). Designed for reliability and long-term value, it is ideal for indoor sports facilities, multi-purpose school halls, warehouses, logistics centres and large-format retail environments.

Available in three colours, four sizes, seven lumen packages and four optical distributions, Titus offers exceptional flexibility and precise light control to suit a wide range of applications.

Wired and wireless control options, including Keyture IoT platform integration, enable remote monitoring and intelligent lighting management. Occupancy and motion sensors further reduce energy consumption, while centrally supplied and self-contained 3-hour emergency lighting options provide added resilience. For both refurbishment and new-build projects, Titus delivers outstanding performance, efficiency and adaptability.



Indoor sports



Storage



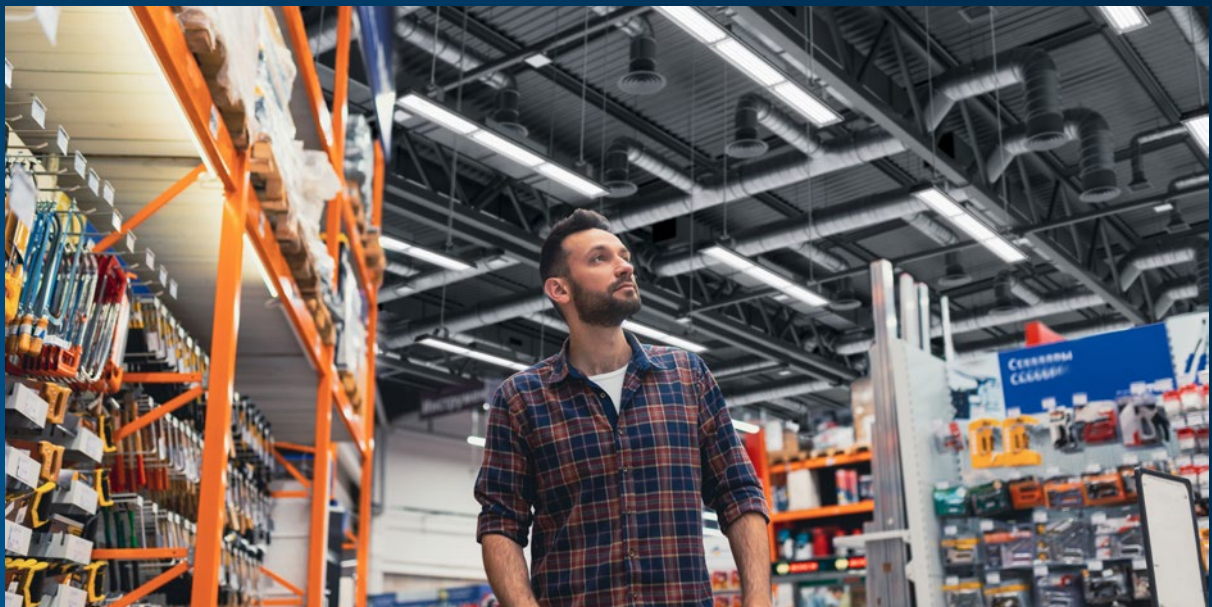
Logistics



Large retail



Food
warehousing



PERFECT FOR SPORTS

Titus is an outstanding choice for multiple sports applications including:

- Indoor training pitches and multi-use games areas (MUGAs)
- Common sports played on MUGA include assorted racquet and ball games including football, netball, basketball, badminton, tennis and hockey
- As well as purpose-built indoor facilities such as sports centres and gymnasiums, Titus will thrive installed in a school hall where physical education lessons take place

FLEXIBILITY

With its wide range of lumen outputs, sports tailored optics and mounting accessories, Titus is a linear highbay that offers genuine flexibility for lighting design and use during different sports activities.

UNIFORM LIGHT DISTRIBUTION WITH GLARE CONTROL

A choice of Wide (WB), Very Wide (VWB) and Controlled Glare (WBCG) optics provides uniform light either directed or distributed where required.



BALL-PROOF SPORTS LIGHTING

Cage-free performance for sports centres and school sports halls

In busy sports centres and school sports halls, lighting must withstand the risk of impact while delivering safe, reliable performance. Titus has been independently tested and certified as ball-proof to DIN 18032-3, the recognised standard for ball impact resistance in sports facilities*.



Designed to endure high-velocity impacts from balls and sports equipment, Titus maintains its structural integrity and lighting performance without the need for an unsightly protective cage.

The result is a safer, cleaner and more visually appealing sports environment, with a streamlined, cage-free appearance that enhances the overall look of the facility while reducing maintenance, lowering lifetime costs and providing complete peace of mind for facility managers, educators and students alike.

*In combination with Ceiling Mounting and Ball Protection set, or with Catenary suspension kit.



IDEAL FOR LOGISTICS

ADAPTABLE AND FLEXIBLE FOR DIVERSE OPERATIONS

Titus delivers exceptional performance in demanding logistics environments, offering efficient, high-quality illumination wherever operational reliability and visibility are critical. Whether upgrading an existing warehouse, refurbishing a facility, or designing a new logistics hub, Titus provides outstanding flexibility, exceptional visual performance, and long-term value for modern warehousing and distribution operations.

Ideal for:

- Warehouses
- Logistics Centres
- Distribution Centres
- Fulfilment Centres
- Cold Storage and food distribution facilities (HACCP certified)
- Manufacturing and Industrial Storage Areas

REFURBISHMENT-FRIENDLY DESIGN

Many existing warehouses and storage facilities present lighting challenges, including varying mounting heights, structural obstructions, mezzanine levels, and changing aisle layouts.

Titus has been engineered to simplify refurbishment projects, providing a versatile solution that can be easily integrated into existing buildings while minimising installation complexity and disruption to daily operations.



ADAPTABILITY FOR MODERN LOGISTICS FACILITIES

Titus is an ideal replacement for outdated and inefficient lighting technologies commonly found in warehouses, logistics centres and distribution facilities.

For projects requiring the appearance and performance of a continuous-row lighting system, Titus offers a dedicated continuous-row bracket accessory. This enables the creation of a seamless "light line" effect without the cost and installation complexity of traditional track systems, delivering faster installation and lower project costs.



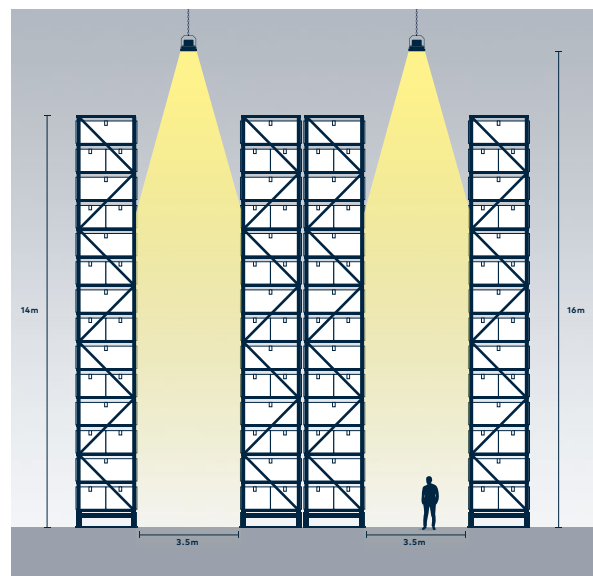
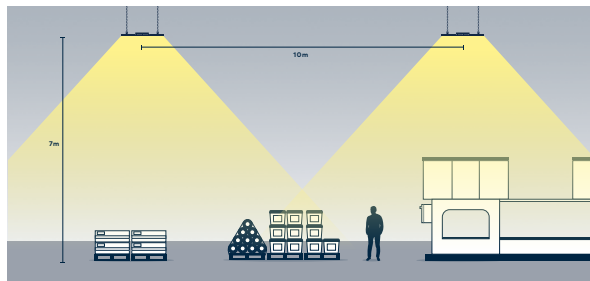
Titus installed in a continuous row configuration

OPTIMISED LIGHT DISTRIBUTION AND GLARE CONTROL

Titus provides uniform illumination and effective glare control, helping maintain safe and productive working environments across a wide range of applications.

Suitable for:

- Manual handling and packing areas
- Forklift and vehicle traffic zones
- Loading and dispatch bays
- High-racking storage aisles



INTELLIGENT LIGHTING FOR MAXIMUM EFFICIENCY

Beyond energy-efficient LED performance, Titus can be specified with a range of controls that can deliver enhanced energy savings.

These include:

- Occupancy and motion sensors
- Daylight harvesting controls
- Emergency lighting options
- Wireless lighting management, including Keyture

By combining high-efficiency LED technology with intelligent controls, Titus can help logistics operators achieve energy savings of 50-80 %, while improving operational efficiency, reducing maintenance costs, and supporting sustainability objectives.

REMARKABLE FOR RETAIL

Titus is a versatile linear high bay luminaire engineered to meet the demanding requirements of large-format retail environments. It is ideally suited for:

- Hypermarkets and supermarkets
- Wholesale clubs and cash-and-carry stores
- Electronics retailers
- Furniture and home improvement stores
- Sporting and outdoor goods retailers
- DIY and building supply stores
- Automotive showrooms and dealerships

Its combination of performance, flexibility and visual comfort helps retailers create engaging shopping environments while supporting operational efficiency.

FLEXIBLE LIGHTING FOR DIVERSE RETAIL SPACES

Large retail stores often incorporate a variety of functional areas within a single building, including high-ceiling sales floors, promotional display zones, mezzanine levels, stock areas, shopping aisles and checkout zones. Each space presents unique lighting requirements.

Titus delivers the versatility needed to support multiple lighting schemes across the store while maintaining a consistent visual appearance. Its sleek linear design complements contemporary retail architecture and contributes to a clean, organised store aesthetic.



TAILORED ILLUMINATION FOR DYNAMIC RETAIL ENVIRONMENTS

Retail environments are constantly evolving, requiring adaptable lighting to support changing merchandise displays, seasonal promotions, product launches and store reconfigurations. Available in multiple lengths, lumen packages and four optical distributions, Titus enables tailored illumination for many retail-specific applications, from highlighting promotional areas and providing comfortable aisle lighting to delivering consistent illumination across checkout zones.

ENHANCING THE SHOPPER EXPERIENCE

High-quality retail lighting is essential for effective product presentation and customer engagement. With excellent uniformity and carefully engineered optical control, Titus enhances product visibility, appearance and wayfinding, creating a comfortable, visually appealing shopping environment for both customers and staff.

FUTURE-READY LIGHTING INFRASTRUCTURE

Titus supports a range of intelligent control options, enabling retailers to improve energy efficiency and unlock valuable operational insights. Integrated sensors and IoT-ready connectivity can support:

- Presence and occupancy-based lighting control
- Daylight harvesting strategies
- Energy monitoring and optimisation
- Space utilisation and occupancy analytics
- Data-driven store management initiatives
- Enhanced customer journey and sales activation programmes

By combining high-performance illumination with smart control capabilities, Titus helps retailers reduce operational costs while supporting their digital transformation objectives.



CONNECT, DETECT, CONTROL

SENSOR SOLUTIONS FOR STANDALONE AND LIGHTING CONTROL SYSTEMS

Titus gives you the flexibility to choose the right level of lighting intelligence, from simple standalone occupancy control to a fully connected smart lighting system. Whether operating independently or integrated into a central lighting management platform, Thorn's reliable motion and occupancy sensors and daylight harvesting technology help optimise energy use while maintaining consistent, safe and comfortable illumination.

BENEFITS

- Maximises energy savings through occupancy and daylight-responsive control
- Enhances occupant comfort through consistent illumination levels
- Provides scalable flexibility, from a single luminaire to large DALI-connected and wireless installations
- Enables centralised lighting control, monitoring and energy management
- Supports data-driven building optimisation and operational efficiency
- Delivers reliable lighting control for warehouses, logistics centres, manufacturing facilities, educational facilities and retail environments
- Adapts to a wide range of lighting requirements



	Wired Sensors		Wireless Sensors	
Microwave technology	MWS	MWCF	MWBC	MWCFBC
FEATURE				
Motion detection	Yes	Yes	Yes	Yes
Integrated corridor function	No	Yes	No	Yes
High bay mounting heights, 8-16 m	Yes	Yes	Yes	Yes
Standalone operation	Yes	Yes	Yes	Yes
Commissioning tool	No	No	Bluetooth App	Bluetooth App
Compatible with LITECOM, DIMLITE or other Lighting Management System (or BMS)	No	No	Yes*	Yes*
DALI control max capacity	-	-	-	-
Bluetooth wireless max capacity	-	-	250 wireless nodes	250 wireless nodes

	Wired Sensors		Wireless Sensors
PIR technology	PIRILD	PIRDA	PIRBC
FEATURE			
Occupancy detection	Yes	Yes	Yes
Daylight threshold (Bright-out function)	Yes	Yes	Yes
Daylight harvesting	Yes	Yes	Yes
Integrated corridor function	Yes	No	No
High bay mounting heights, 8-16 m	Yes	Yes	Yes
Standalone operation	Yes	No	Yes
Commissioning tool	Remote Control	DALI	Bluetooth App
Compatible with LITECOM, DIMLITE or other Lighting Management System (or BMS)	No	Yes	Yes*
DALI control max capacity	50 mA	-	-
Bluetooth wireless max capacity	-	-	250 wireless nodes

*Gateway required

KEYTURE IOT INTEGRATION

Titus luminaires can be specified with a Keyture node and integrated into a secure and encrypted wireless ecosystem that can track energy use in real time, visualise heatmaps of how your spaces are used, and drive smarter decisions across your organisation. Visit [Keyture.com](https://www.keyture.com) for more information.

Benefits of a Keyture integrated luminaire

- Monitor your facility and every lighting asset
- Understand utilisation through occupancy data and heatmaps
- Automate your Titus highbay – set active levels, setbacks, overrides, and let Keyture optimise your lighting automatically
- View energy savings – generate clear, real-time reports showing consumption and cost savings provided by Keyture control and insights
- Maintain accurate energy records to help meet environmental targets and stay ahead of regulations like the EPBD, the Net Zero Industry Act and more

TITUS



	SMALL	MEDIUM	LARGE	EXTRA LARGE
	437 mm	867 mm	1297 mm	1727 mm
	3000 K, 4000 K			
	10,000 lm	15,000 lm, 20,000 lm	25,000 lm, 30,000 lm	35,000 lm, 40,000 lm
	Up to 175 lm/W	Up to 187 lm/W	Up to 186 lm/W	Up to 183 lm/W
	CRI >80			
	Very Wide Beam (VWB), Wide Beam (WB), Rack Beam (RK), Wide Beam Controlled Glare (WBCG)			
	VWB <28, WB <25, RK <25, WBCG <22/<19			
	IP42			
	-20 to 45 °C			
	IK08			
	Ball-proof			
	100,000 hours (L80) @ 25 °C			
	Surface clip / Quick-fix, suspension chain / Cable / Catenary, adjustable wall bracket, trunking			
	Grey RAL 9006, White RAL 9016, Black RAL 9005			
	Fixed Output (HF), DALI-2 dimmable (HFIX), basicDIM Bluetooth® Wireless (BC) Microwave sensor (MWS), Microwave sensor with corridor function (MWCF), Passive Infrared sensor (PIRILD: standalone, PIRDA: with DALI, PIRBC: with basicDIM Bluetooth® wireless)			
	3 hr manual test, LiFePO4 battery (E3) 3 hr DALI-addressable self-test, LiFePO4 battery (E3D)			
	MacAdam 3			



As a globally leading luminaire manufacturer, Thorn Lighting provides a five-year warranty for its complete product range within all European countries.
thornlighting.com/guarantee

Thorn Lighting is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. The right is reserved to change specifications without prior notification or public announcement. All goods supplied by the company are supplied subject to the company's General Conditions of Sale, a copy of which is available on request. All measurements are in millimetres and weights in kilograms unless otherwise stated.
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