

Efficiency



Design



Installation



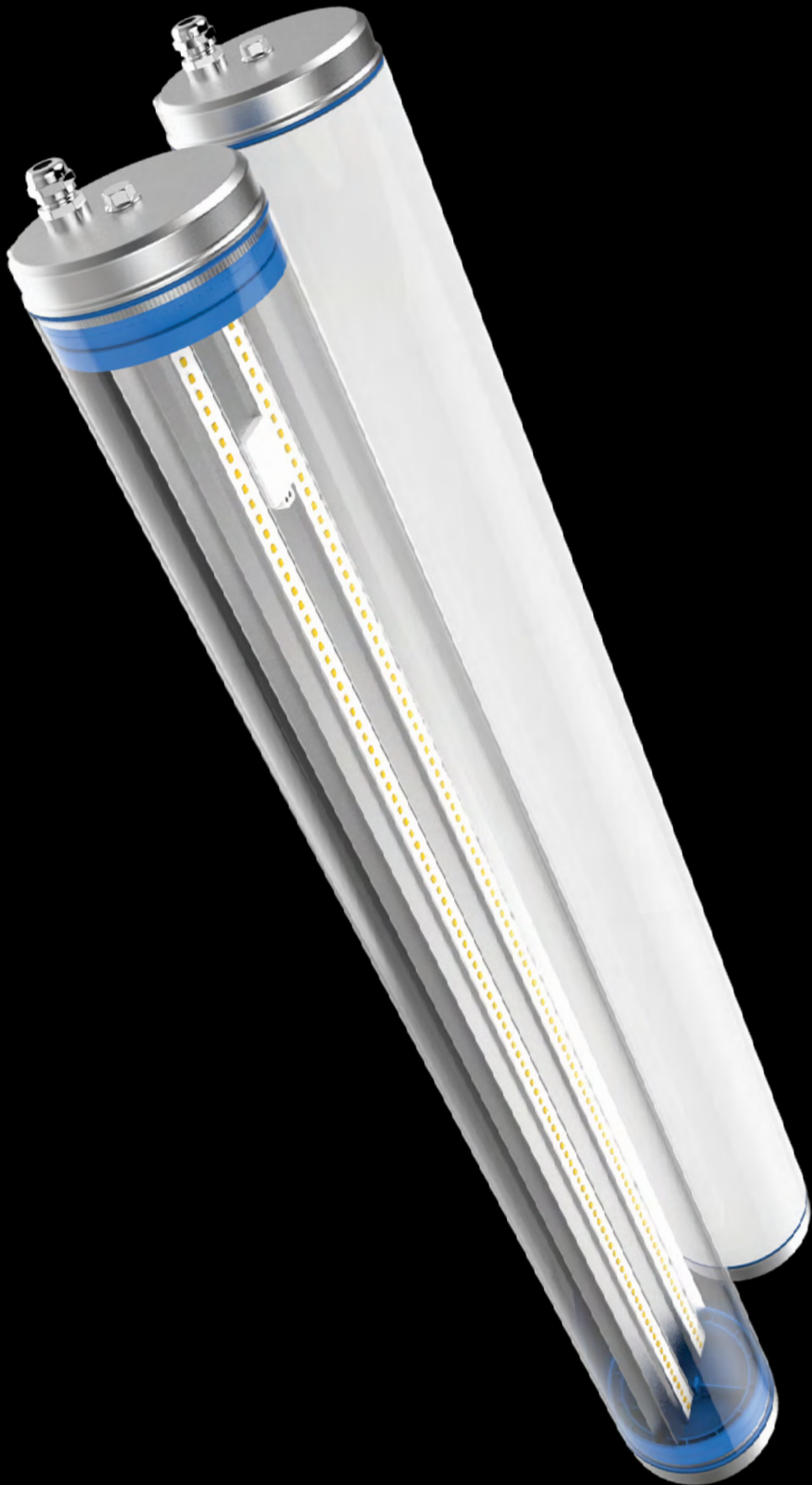
Reliability

# OLIVEWOOD

*Efficiency through Technology*

The **Olivewood** range of Tri-Proof LED luminaires provides ideal lighting solutions, not only for commercial, public and home use, but also for use in harsh operating environments. Resistant to damage from dirt and chemicals, physically robust and exceptionally water resistant, our complete Tri-Proof range is suitable for installation in both industrial and exposed exterior locations. Every luminaire in this range is at least IP65 waterproof rated and IK08 impact resistance rated or higher.

Designed to replace fluorescent tube fittings, the **Olivewood** Tri-Proof lighting range can deliver excellent energy savings, as well as reduced maintenance and improved light quality.



LED Tri-Proof



Efficiency



Design



Installation



Reliability


Olivewood Technology, Unit S1, Mendip Business Park,  
Mendip Road, Rooks Bridge, Somerset, BS26 2UG

T: +44 (0) 1749 840439

E: [info@olivewood.tech](mailto:info@olivewood.tech)

[www.olivewood.tech](http://www.olivewood.tech)

[www.chil-led.com](http://www.chil-led.com)

 [@olivewoodtech](https://twitter.com/olivewoodtech)

# Contents

## Titan Tri-Proof 4

(Industrial/Commercial – Factories, warehouses, bus stations, train stations, airports, supermarkets etc.)

## Titan Heavy Tri-Proof 5

(Industrial/Commercial – Factories, warehouses, bus stations, train stations, airports, supermarkets etc.)

## Clean Zone Tri-Proof 6

(Food/Pharmaceutical/Medical – Food manufacturing/processing/preparation areas, refrigeration rooms, cold stores, controlled environments, clean rooms, hospitals, operating rooms etc.)

## Clean Zone High Bay Tri-Proof 7

(Industrial/Food/Pharmaceutical - Food manufacturing/processing/preparation areas, warehouses, factories, refrigeration rooms, cold stores, controlled environments, clean rooms etc)

## Adaptive Tri-Proof 8

(Industrial/Commercial/Home use – Factories, warehouses, bus stations, train stations, airports, carparks, supermarkets, shops, exhibition halls, hotels, offices, schools, corridors etc.)

## Chil-LED 9

## Installation Options 10

## Ratings Information 11

# Titan Tri-Proof



## Titan Tri-Proof

**Light Source:** 2835

**CCT:** 4000K

**CRI Range:** 80/90/95

**AC Input:** 100-240V

**Light Efficiency:** 140 Lm/W

**Beam Angle:** 120°

**Ratings:** IP66 Waterproof & IK10 Impact Resistant

**Recommended Installation Height:** 2-8M

### Optional Functions:

Dimmable



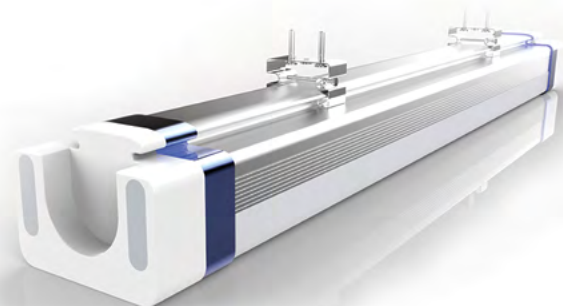
Emergency



Motion Sensor



Thanks to its impressive IK10 impact resistance and IP66 waterproof ratings, this robust luminaire is perfect for a wide range of industrial and commercial applications. Highly resistant to liquid, vapour, dust, corrosion and pressure, this LED is more than suitable for use in exposed exterior locations as well as harsh and demanding operating environments. This is an ideal lighting solution for small to medium sized areas, with a recommended installation height of between 2-8 meters. Our suggested placements include factories, warehouses, bus and train stations, airports & supermarkets.

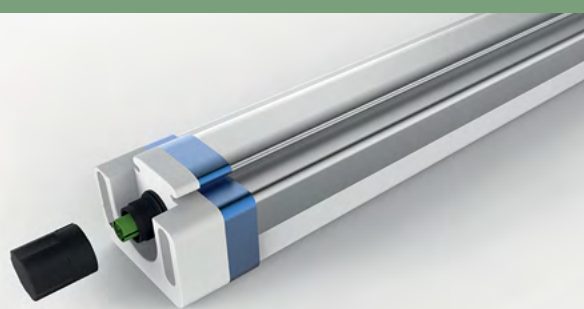


## Specifications

Model	Power (W)	Lumens	Lm/W
Titan 2FT	20	2800	140
Titan 4FT	40	5600	140
Titan 5FT	50	7000	140
Titan 5FT - A	65	9100	140

## Dimensions

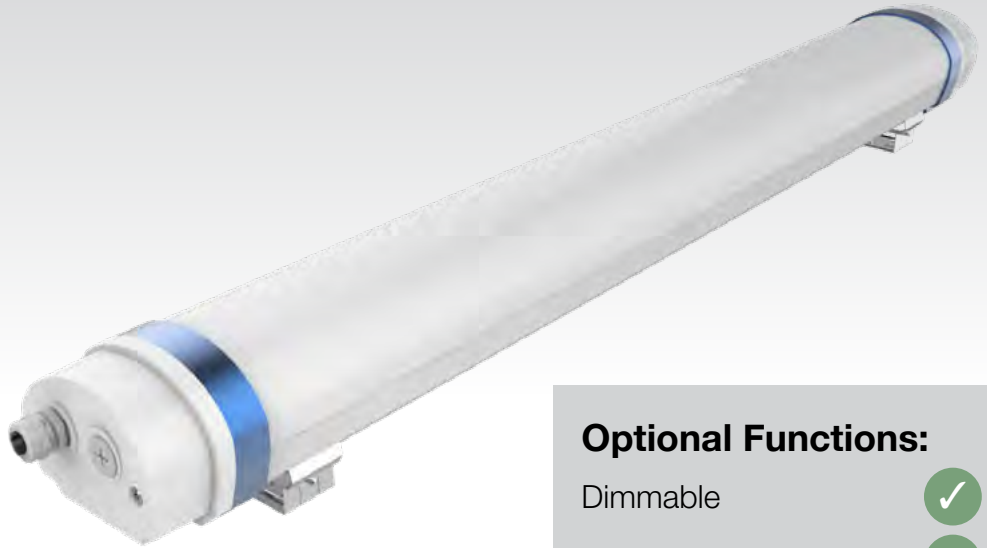
Model	Length (mm)	Height (mm)	Depth (mm)
Titan 2FT	600	83	63
Titan 4FT	1200	83	63
Titan 5FT	1500	83	63
Titan 5FT - A	1500	83	63



# Titan Heavy Tri-Proof

## Titan Heavy Tri-Proof

**Light Source:** 2835  
**CCT:** 4000K  
**CRI Range:** 80/90/95  
**AC Input:** 220-240V  
**Light Efficiency:** 150 Lm/W  
**Beam Angle:** 120°  
**Ratings:** IP65 Waterproof & IK08 Impact Resistant  
**Recommended Installation Height:** 2-15M



### Optional Functions:

Dimmable   
 Emergency   
 Motion Sensor

The Titan Heavy is a heavyweight alternative to our Titan luminaire. This high-powered substitute is suitable for all of the same applications but on a larger scale, with more intense operating requirements. With a higher recommended installation height of between 2-15 meters and greater light efficiency, this luminaire is perfect for the same industrial and commercial applications as the Titan LED within a medium to large operating area.

## Specifications



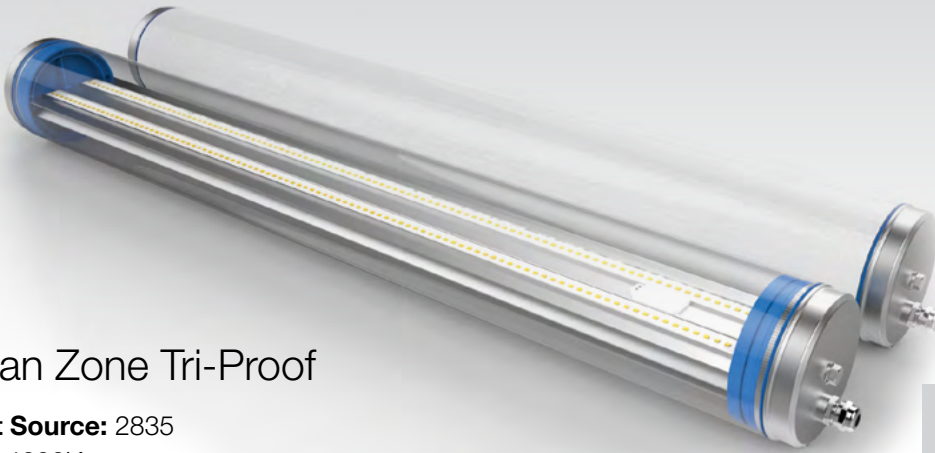
Model	Power (W)	Lumens	Lm/W
Titan Heavy 4FT	60	9000	150
Titan Heavy 4FT - A	80	12000	150
Titan Heavy 5FT	80	12000	150
Titan Heavy 5FT - A	100	15000	150

## Dimensions

Model	Length (mm)	Height (mm)	Depth (mm)
Titan Heavy 4FT	1200	83	109
Titan Heavy 4FT - A	1200	83	109
Titan Heavy 5FT	1500	83	109
Titan Heavy 5FT - A	1500	83	109






# Clean Zone Tri-Proof



## Clean Zone Tri-Proof

**Light Source:** 2835  
**CCT:** 4000K  
**CRI Range:** 80/90/95  
**AC Input:** 220-240V  
**Light Efficiency:** 150 Lm/W  
**Beam Angle:** 120°  
**Ratings:** IP69K (IP67) Waterproof & IK10 Impact Resistant  
**Recommended Installation Height:** 2-8M

### Optional Functions:

Dimmable   
 Emergency   
 Motion Sensor 

The Clean Zone luminaire is specifically designed to be a hygienic lighting solution. Its cylindrical design works to prevent dust and grime from settling on its surface. Its IP69K (IP67) waterproof rating indicates exceptional resistance to liquids, vapour, dust, pollutants, contaminants and corrosive substances. These characteristics help to keep its operating environment sanitary and pure, making it a perfect choice for the food, medical and pharmaceutical industries. Our suggested applications include food manufacturing and processing areas, food preparation spaces, cold stores, refrigeration rooms, hospitals, operating rooms, controlled environments and clean rooms. The recommended installation height for this product is 2-8 meters.



## Specifications

Model	Power (W)	Lumens	Lm/W
Clean Zone 2FT	20	3000	150
Clean Zone 3FT	30	4500	150
Clean Zone 4FT	36	5400	150
Clean Zone 5FT	48	7200	150

## Dimensions

Model	Length (mm)	Height (mm)	Depth (mm)
Clean Zone 2FT	600	70	70
Clean Zone 3FT	900	70	70
Clean Zone 4FT	1200	70	70
Clean Zone 5FT	1500	70	70



# Clean Zone High Bay Tri-Proof



## Clean Zone High Bay Tri-Proof

**Light Source:** 3030

**CCT:** 4000K

**CRI Range:** 70/80/90

**AC Input:** 100-240V

**Light Efficiency:** 165 Lm/W

**Beam Angle:** 60/90/110°

**Ratings:** IP65 Waterproof & IK10 Impact Resistant

**Recommended Installation Height:** 3-20M

### Optional Functions:

Dimmable



Emergency



Motion Sensor



Our High Bay luminaire is one of the most powerful and robust LED fittings in our range. This fitting is a direct alternative to powerful high bay and metal halide lighting used in large industrial areas. Not only does this fitting offer brilliant light efficiency and excellent overall lumen output, the honeycomb design also massively reduces glare, to improve light quality. Also, like our Clean Zone luminaire, the High Bay has been designed with hygiene and cleanliness in mind. The external shell of this fitting is smooth and rounded, to minimise dust and dirt retention and allow for easy cleaning. The IP65 and IK10 ensures it is impenetrable and robust, making it an ideal solution for many of the same application as the Clean Zone luminaire but on a much larger scale. With a recommended installation height of anywhere between 3–20M, this fitting is ideal for any and all demanding industrial applications.



## Specifications

Model	Power (W)	Lumens	Lm/W
High Bay 100W	100	16500	165
High Bay 120W	120	19800	165
High Bay 150W	150	24750	165
High Bay 200W	200	33000	165

## Dimensions

Model	Diameter (mm)	Height (mm)
High Bay 100W	360	200
High Bay 120W	360	200
High Bay 150W	360	200
High Bay 200W	360	200



Clean Zone High Bay  
Tri-Proof



Efficiency



Design



Installation



Reliability

Olivewood Technology, Unit S1, Mendip Business Park,  
Mendip Road, Rooks Bridge, Somerset, BS26 2UG

T: +44 (0) 1749 840439

E: info@olivewood.tech

www.olivewood.tech

www.chil-led.com

@olivewoodtech

# Adaptive Tri-Proof

## Adaptive Tri-Proof

**Light Source:** 2835  
**CCT:** 4000K  
**CRI Range:** 80/90/95  
**AC Input:** 220-240V  
**Light Efficiency:** 140 Lm/W  
**Beam Angle:** 180°  
**Ratings:** IP65 Waterproof & IK08 Impact Resistant  
**Recommended Installation Height:** 2-8M



### Optional Functions:

- Dimmable
- Emergency
- Motion Sensor

Our Adaptive luminaire is a fantastic all-round LED lighting solution. Low cost but excellent quality and high performance, this luminaire has endless potential applications. Its elegant design and ambient colour temperature makes it suitable for offices, schools, corridors, shops, exhibition halls, hotels, train and bus stations, airports and many more commercial and even home use applications. IP65 waterproof and IK08 impact ratings also make the Adaptive LED ideal for low intensity industrial applications as well as installation in exterior locations. These additional applications may include warehouse and factory lighting, car park lighting and general exterior lighting.



## Specifications

Model	Power (W)	Lumens	Lm/W
Adaptive 2FT	20	2800	140
Adaptive 3FT	25	3500	140
Adaptive 4FT	30	4200	140
Adaptive 5FT	35	4900	140

## Dimensions

Model	Length (mm)	Height (mm)	Depth (mm)
Adaptive 2FT	600	54	53
Adaptive 3FT	900	54	53
Adaptive 4FT	1200	54	53
Adaptive 5FT	1500	54	53





# Chil-LED

## Chil-LED™

*The Coolest Light for Cold Places*

Chil-LED™ is the only lighting solution that has been specifically designed for use in controlled temperature environments, key features include:

**Low energy, high performance light output**

**Durable, lightweight, hygienic, ultra low profile, wide choice of beam angles**

**Simple, fast installation**

**UK manufactured with 5-year extended warranty**

Chil-LED™ is the ideal LED lighting option for the following applications:

- Chilled & frozen storage
- Temperature controlled production areas
- Food production factories and packing areas
- High care food preparation areas
- Pharmaceutical production and storage areas
- Clean rooms and clean zones



## Technical Specifications

Product Version	Chil-LED™60 <small>The Coolest Light for Cold Places</small>	Chil-LED™90 <small>The Coolest Light for Cold Places</small>	Chil-LED™110 <small>The Coolest Light for Cold Places</small>
LED Power	52 Watts	86 Watts	105 Watts
System Power	56 Watts	92 Watts	110 Watts
Voltage Range	200-305VAC	200-305VAC	200-305VAC
Power Factor	95	95	95
Drive Current	350mA	600mA	700mA
LED Initial Output	7452Lm	11860Lm	12940Lm
Maintained Lumens	6819Lm	10850Lm	11840Lm
CCT	5000	5000	5000
CRI	80	80	80
Beam Angle	26° / 50° / 80° / 100°	26° / 50° / 80° / 100°	26° / 50° / 80° / 100°
Weight	3.10KG	3.15KG	3.15KG
Driver Qty	1	1	1
Driver Efficiency	90%	90%	90%
Dimming	Option (0-10V, PWM, DALI)	Option (0-10V, PWM, DALI)	Option (0-10V, PWM, DALI)
Integrated Emergency	Optional 3hr/Self Test/DALI	Optional 3hr/Self Test/DALI	Optional 3hr/Self Test/DALI
Heat Pipe Capacity	60 Watts	60 Watts	60 Watts
Mounting Cutout Dia	40mm	40mm	40mm
Max Insulation Thickness	200mm	200mm	200mm
Min Insulation Thickness	50mm	50mm	50mm

**DALI Dimming, Analogue Dimming and Wireless Emergency Options  
(With 3hr Self Test on the Emergency)**

**To receive a detailed Chil-LED brochure:**

Visit: [www.olivewood.tech](http://www.olivewood.tech)

Email: [info@olivewood.tech](mailto:info@olivewood.tech)

Call: +44(0)1749 840 439



# Installation Options

## Installation Options

The simplest and most common way to install our linear Tri-Proof luminaires is to either ceiling mount or suspend them. We can provide a whole range of installation accessories to help achieve the desired installation.

Some of these installation accessories include:

**Ceiling Clips** – For Standard ceiling mounting

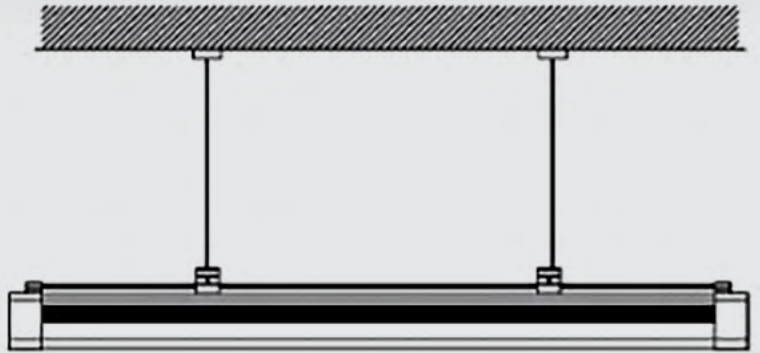
**Suspending Steel** – For secure suspension

**Sling Brackets** – For a sliding ceiling mount

**Wall Clips** – For standard or angled wall mounting

**Linkable Brackets & Connectors** – For linked, continuous lighting

### A. Suspended



### B. Ceiling Mounted



For more information on these installation accessories and installation options, please visit our website [www.olivewoodtech.co.uk](http://www.olivewoodtech.co.uk) or call **01749 840 439**



Efficiency



Design



Installation



Reliability


Olivewood Technology, Unit S1, Mendip Business Park,  
Mendip Road, Rooks Bridge, Somerset, BS26 2UG

T: +44 (0) 1749 840439

E: [info@olivewood.tech](mailto:info@olivewood.tech)

[www.olivewood.tech](http://www.olivewood.tech)

[www.chil-led.com](http://www.chil-led.com)

 [@olivewoodtech](https://twitter.com/olivewoodtech)

# IP & IK Ratings

# Tri-Proofs

## IP Rating

The IP (Ingress Protection) rating refers to the level of protection the fitting has against both solids and liquids. The rating begins with IP and is followed by two digits.

The first digit in the IP rating refers to the fitting's protection against solid material, such as dust, dirt or other substances. The second digit refers to the fitting's protection against liquids.

The digits in the rating range between 0-6 on the first digit and 0-8 on the second. The higher the digits, the better protected the fitting is. A fitting with an IP68 rating is both dust proof and extremely water tight.

Every luminaire in our linear LED Tri-Proof range has an IP rating of at least IP65 or higher, meaning that it is completely dust proof and protected against powerful waterjets or even full immersion into water.

## IK Rating

The IK (Impact Protection) rating refers to the level of protection the fitting has against impacts and physical shocks.

The IK rating ranges between IK00-IK10, and again, the higher the digits, the better protected the fitting is.

Every luminaire in our linear LED Tri-Proof range has an IK rating of at least IK08 or higher, meaning that it is protected against a 5 joules impact at the very least. Some of our Tri-Proofs can withstand an impact of 20 joules, which is the equivalent to a 5kg mass dropped from a height of 400mm.

For further information on these ratings, including a full descriptive breakdown of each individual rating, please visit our website.



Efficiency



Design



Installation



Reliability


Olivewood Technology, Unit S1, Mendip Business Park,  
Mendip Road, Rooks Bridge, Somerset, BS26 2UG

T: +44 (0) 1749 840439

E: [info@olivewood.tech](mailto:info@olivewood.tech)

[www.olivewood.tech](http://www.olivewood.tech)

[www.chil-led.com](http://www.chil-led.com)

 [@olivewoodtech](https://twitter.com/olivewoodtech)



## Attention

This specification is for reference only. We reserve the right to change without notice. If you need the updated info, please contact local distributors or visit our website at [www.olivewoodtech.co.uk](http://www.olivewoodtech.co.uk)