

The KIRA family is part of our **ITECH** range of products, that have been designed and manufactured in South Africa for a variety of industrial and commercial applications.

Our **ITECH** range is specifically designed for high output environments, and all luminaires carry a standard five-year or 90000- hour (whichever comes first) warranty. In addition to this, all luminaire housings have a Mechanical Impact protection rating up to IK10 and carry a ten-year warranty.

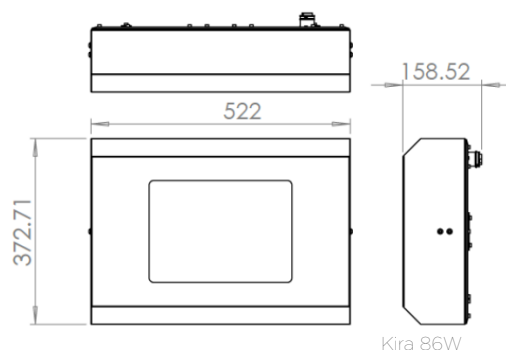
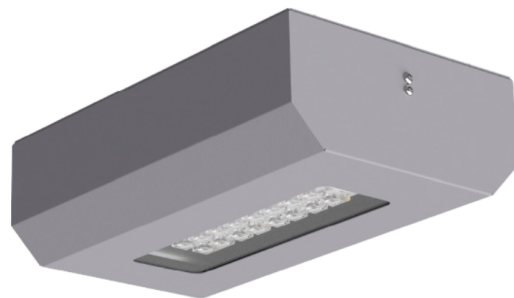
Superior lighting relies on consistent clean power supply, and too often luminaires are not adequately equipped to protect your investment. Hence our standard features in this range include: Dual Surge Protection up to 10kA, Flicker/Ripple Free <5% and independent circuitry with a Multi-Driver system. We understand that lighting is an imperative asset to your business operations.

All **ITECH** luminaires are both fully repairable and upgradeable. We also provide a variety of mounting brackets to suit practical individual requirements: Standard P2000, Suspension Cable, Surface Mount.

Our **SELECT** range allows for numerous non-standard customizations to any model within the range. Custom Power & Lumen outputs, Motion sensors, Building Management (BMS) integration, Daylight Harvesting capabilities, DALI control and Human-Centric adaptation.

Our superior Hybrid Lens technology allows us to project multiple blended beam angles within a single luminaire. Providing consistent illuminance and spreads, whilst reducing harsh glare and shadowing.

Quality and Durability are at the heart of the **ITECH** range, encompassing superior illumination, low maintenance and significant ROI.



APPLICATIONS

Industrial, Ceiling Height >12m, Tiered Racking & Shelving, Large Volume Warehousing

	Standard	SELECT
Luminaire total power (W):	34 - 172W	Varies
Lamp luminous flux*:	5581 - 25728lm	Varies
Luminaire luminous flux*:	4861 - 23672lm	Varies
Luminaire efficacy*:	140 - 146lm/W	Varies
Beam Angle:	50°, 65°, 100°	Varies
Rated useful life*:	L80 B10 90000 hours	L80 B10 90000 hours
Correlated colour temperature*:	4000K	Varies
Colour Rendering Index min:	70	70 - 90
Body Construction:	Stainless Steel	Stainless Steel
Finish:	Stage 1 : E-Coated, Stage 2 : Powder Coated	Stage 1 : E-Coated, Stage 2 : Powder Coated
Body Colour:	Hammered Grey	Varies
Built-in driver protection:	Voltage fluctuation, overheating, short circuit, overloads, voltage spikes up to 3.5kV	Voltage fluctuation, overheating, short circuit, overloads, voltage spikes up to 3.5kV
Flicker Free control system (No Stroboscopic effect):	Yes < 4%	Yes < 4%
Additional surge protection:	Nominal surge current: 5- hit, 5KA: max: 1-hit: 10kA	Nominal surge current: 5- hit, 5KA: max: 1-hit: 10kA
Serviceable for repairs and maintenance:	Yes, up to component level	Yes, up to component level

Due to the rapid improvements taking place in technology, Ultra Light SA reserves the right to adapt or alter any product to improve reliability or performance without prior notice. All values marked with an * are rated values. The nominal flux is based on LED manufacturer's data @ Tsp 85°C. Actual flux output of the luminaire is subject to environmental conditions of the site and the optical efficiency of the luminaire. Luminous flux and electrical load are subject to an initial tolerance of +/- 10%

Email: sales@ultralightsa.co.za Website: www.ultralightsa.co.za Warranty is subject to our warranty policy, a copy of which is available on request