



ILT

Integrated Linear Troffer

Ceiling Lighting Ultra Low Glare High Energy Efficiency

eo lighting



Designed Manufactured
& Assembled in Australia

DESIGN

The ILT derives its name as an acronym from 'Integrated Linear Troffer'

The ILT was designed and patented in Australia however it was originally manufactured overseas. With the change in global conditions from the Covid 19 epidemic, this provided an opportunity to revisit the cost of manufacturing our product back home here in Australia.

We improved the design so the product is structurally more rigid and robust and easier to update electronic components.



MANUFACTURE

We use all Australian aluminium with the main body formed via an extrusion process and the end panels through laser cutting. We also employ Australian labour to do the final assembly by hand and QA test.

The result is something we are very proud of, and it is supported by a ten year warranty on the main luminaire body and five year warranty on the electronic components.



COST

The surprising thing we discovered from the 'lets see if we can build it here in Australia' approach was that the cost difference was negligible when you factor in the freight costs fluctuating exchange rate and lead times. We can now build to order in a fraction of the time and deliver to market at a very competitive price.



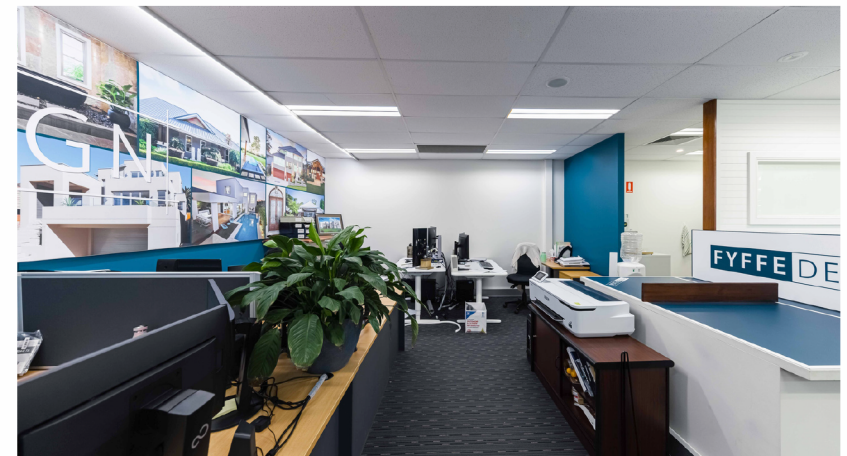
FEATURE BENEFITS

The unique reverse gull wing reflector design of our ILT dramatically reduces glare and optimises light dispersion.

If designing a new space or upgrading an existing it is possible to reduce the number of fittings that would normally be used to illuminate a space and still comply to AS 1680 standards.

The high energy efficiency of the luminaries also substantially reduces energy costs compared to fluorescent lighting and even other LED lighting types.

The clean architectural design provides a contemporary and elegant finish to any ceiling.



OUR FORM IS
OUR FUNCTION

EO-ILT-AU-1200-27W

Proudly manufactured and made in Australia

SPECIFICATIONS

Product Code	EO-ILT-AU-1200-20W
Power Supply	Input 240AC 50/60Hz 1.5A Output 24V- 1.5A 36W (non dim) Opt: Dimmable or DALI Driver available
Beam Angle	120°
Wattage Consumption	20.42 watts (LCP)
Total Luminous Flux	2570.54 lm
LED Luminous Efficiency	125.88 lumens/watt
Reflector	Reverse gull-wing high gain
Power Factor	0.931
Working Temperature	-25°C to +50°C
Glare Factor (UGR)	< 19
Total Harmonic Distortion	THD <20%
Lamps Efficiency	>125%
Material	Australian Aluminum Housing
Colour Temperature	Cool White 4000 - 4200 kelvin Daylight 5000 - 5200 kelvin
Colour Rendering Index CRI	83 CRI
IP Rating	IP 20
Certificate	AS/NZS CISPR 15:2011 SAA 151638 IEC 60592.2 1:2014
Dimensions	1193 L x 293 W x 87.5 H mm
Net Weight	4.5kg
LED chip life expectancy	>50,000 hours
Unique Patent Design	IP Design Registration 201513769
Warranty	Luminaries body 10 years Electronics 5 years



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