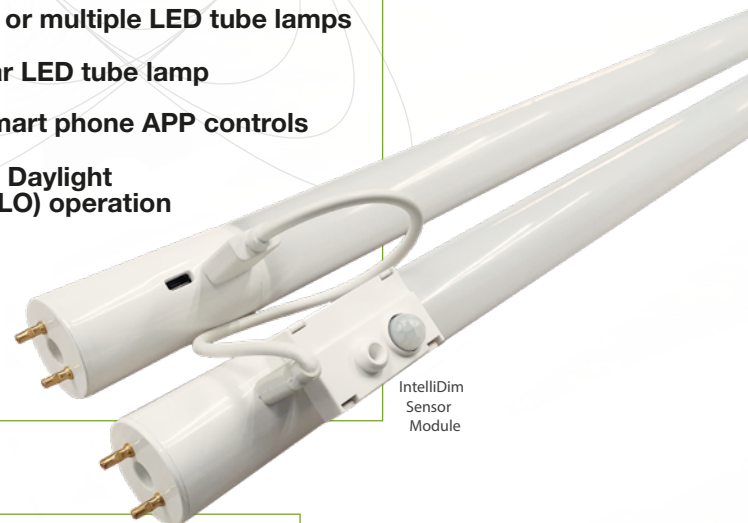


# LED IntelliDim Integrated T8 Tube Lamp

- **70% - 90% energy saving compared to T8 FTL**
- **Plug-and-play retrofit solution to keep existing fittings**
- **Plug-in IntelliDim Sensor Module for one or multiple LED tube lamps**
- **Unplug sensor module to use as a regular LED tube lamp**
- **Fully automatic standalone setup with smart phone APP controls**
- **Light Level settings, Presence detection, Daylight harvesting and Constant Light Output (CLO) operation**
- **Over 140lm/W lamp efficacy**
- **Warranty included**
- **Over 100,000 hours life expectancy**



IntelliDim Sensor Module

**New Vision's new IntelliDim integrated tube lamps is a breakthrough in LED retrofit solution, putting IntelliDim's intelligent lighting functions into an energy efficient T8 LED.**

## Key Features:

Advanced LED chips with efficacy of over 190 lumens per watt, giving over 125 lumens per watt on the tube performance inclusive of driver and optical losses. The IntelliDim control system is integrated with the plug & play luminaire with no additional wiring. Smart phone APP allows the commissioning of precise light level to maximise energy saving, as well as setting parameters for occupancy time out and daylight harvest in a seamless and comfortable dimming. Typically a further 10% to 30% savings on top of the LED upgrades from traditional lamps.

All plastic case together with a TPa grade polycarbonate diffuser means that there is no glass, mercury or other hazardous substances (unlike fluorescent lamps) making these light fittings not only energy efficient but also environmentally friendly and very safe.

Fitting sizes designed to directly replace any existing fluorescent tube lights in order to minimise / eliminate any problems with 'making good'.

The only LED tube lamp specifically designed to incorporate IntelliDim LED controls and drivers.

Simple installation - Just plug it in. No control wiring, programming or configuration is needed.

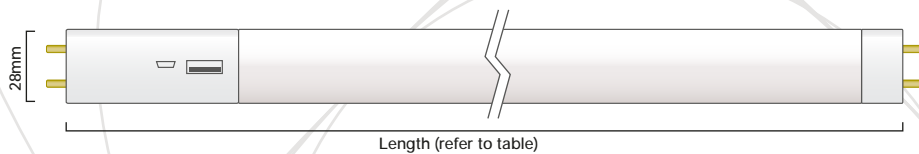
Smart energy savings - Compared to a simple switched luminaire, IntelliDim brings added features such as presence detection, daylight harvesting plus seamless and comfortable dimming.

Recycling - Dispose the product through government recycling facilities "Green @ Community".

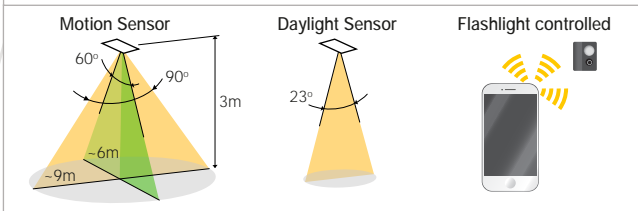
## LED IntelliDim Integrated T8 Tube Lamp

### Models and Performance

Model				LED Chip	Lamp			System		
Product Code	Dimension & Weight	CRI	Colour Temperature	Efficacy	Luminous Flux @max. Power	Input Voltage	Efficacy	Max. Input Power	Efficacy	Max. Input Current @240V
TLI-02015-827-S01	D1 x 24in D28 x 600mm	>80	2700K	185lm/W	1,725lm	45Vdc	125lm/W	15W	115lm/W	69mA
TLI-02015-840-S01			4000K	190lm/W	1,875lm		140lm/W		125lm/W	
TLI-02015-860-S01			6000K	190lm/W	1,875lm		140lm/W		125lm/W	
TLI-04024-840-S01	D1 x 48in D28 x 1200mm	>80	4000K	190lm/W	3,000lm	45Vdc	140lm/W	24W	125lm/W	110mA
TLI-04024-860-S01			6000K	190lm/W	3,000lm		140lm/W		125lm/W	



### IntelliDim Sensor



### Basic Specifications (Light Fitting)

Input Voltage	200-240Vac 50Hz
Operating Temperature	-25 to +40 °C
CRI	>80
Total Life Expectancy	100,000 hours (MTBF)
Lumen Maintenance @max. Power @ta = 25°C	L90 B10 @ 35,000 hours L80 B10 @ 65,000 hours L70 B10 @ 100,000 hours
Warranty	Included
IP Rating	IP20
Diffuser Material	polycarbonate

### Compliance

#### EMC Directive 2014/30/EU

EN 55015:2013      EN 61000-3-3:2013  
EN 61547:2009      EN 62493:2015  
EN 61000-3-2:2006+A1:2009+A2:2009

#### Low Voltage (Safety) Directive 2014/35/EU

EN 60598-1:2015  
EN 60598-2-1:1989

#### LED Drivers

EN 61347-1:2015  
EN 61347-2-13:2014  
EN 62384:2006+A1:2015



For more information please contact:

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