

IntelliDim Integrated Indoor **LED Linear Light**

ENERGYs[™]



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**NEWVISION
TRIDONIC**



- Simple design with front access for easy servicing
- Seamless Light Distribution
- Fully automatic standalone setup with smart phone APP controls
- Light Level settings, Presence detection, Daylight harvesting and Constant Light Output (CLO) operation
- Over 130lm/W fixture efficacy
- 7 year manufacturer's warranty
- Over 100,000 hours life expectancy
- Designed with multiple mounting options
- Emergency versions available with Tridonic standard or self-test emergency drivers

A range of cost-effective LED light fittings for replacing existing 600mm, 1200mm, 1500mm and 1800mm linear light fittings, available in standard, dimming and emergency configurations.

Key Features:

The New Vision Indoor Linear Light range is both modern and stylish, they are designed for indoor use such as in offices and classrooms. 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 models use the latest generation of LED chips giving fixture lumens (i.e. inclusive of all driver and optical losses) of over 130 lumens per watt.

This excellent efficacy has allowed us to run at significantly lower powers to achieve the required light output resulting in very substantial energy savings - typically between 65% and 75% savings when compared to traditional fluorescent fittings.

This fitting is manufactured to be assembled and disassembled very quickly from the front to simplify future servicing, saving time and costs in the long run.

Emergency versions are also available utilising either manual Tridonic emergency drivers or Tridonic automatic self-test drivers for complete peace of mind.

Technical Overview

Product Code	Dimensions Length x Width x height (Weight)	Chips		Lamp				
		CRI	Efficacy	Photometric		Electrical		
				Efficacy	Lumen	Input Voltage	Input current @ 240Vac	System Power
LIN-02024-840-T01	600 x 202 x 83mm	>80	190 lm/W	135 lm/W	3,240 lm	220-240 Vac (50/60Hz)	100 mA	24.0 W
LIN-04040-840-T01	1200 x 202 x 83mm	>80	190 lm/W	135 lm/W	5,400 lm		167 mA	40.0 W
LIN-05040-840-T01	1500 x 202 x 83mm	>80	190 lm/W	135 lm/W	5,400 lm		167 mA	40.0 W
LIN-06050-840-T01	1800 x 202 x 83mm	>80	190 lm/W	135 lm/W	6,750 lm		208 mA	50.0 W

notes

- Standard product CCT is 4000K, for 2700K or 6000K, replace 840 in code with 827 or 860
- 2700K products will yield 5% less efficacy and therefore 5% less light output
- Efficacy between Chip and Lamp level differs due to optical & driver losses

Specifications	
Operating temperature	-25 to +40°C
Driver life expectancy	50,000 hours (MTBF @ta=25°C)
Lumen maintenance @ max. power @ ta=25°C	L90 B10 @ 35,000 hours
	L80 B10 @ 65,000 hours
	L70 B10 @ 100,000 hours
Warranty	7 years (3 years on batteries)
Protection rating	IP44 Front, IP20 Back
Diffuser Material	Polycarbonate
Body material	Cold rolled steel

OPTIONS		
Emergency Module		
Replace T01 with	T11	T21
	Self-Test	Manual Test

- Emergency option is integral

Emergency Kit Details	
Brand	TRIDONIC
Time to light	<0.25s
Mains voltage changeover threshold	EN 60598-2-22
Self test (self test version only)	IEC 92034
Weekly functional test	5 seconds
Yearly duration test	1,2 or 3 hours
Rated duration	3hrs @3.7W
Battery	3.6V (3.1.2V), 4,000mAH, Ni-MH
Mains Current / Power in charging operation	
Initial charge	27mA / 4.0W
Fast recharge	30mA / 4.3W
Trickle charge	20mA / 2.3W

Compliance	
Low Voltage (Safety) Directive 2014/35/EU	
EN 60598-1	
EN 60598-2	
EMC Directive 2014/30/EU	
EN 55015	EN 61000-3-2
EN 61547	EN 61000-3-3
EN 62493	
LED Drivers	
EN 61347-1	EN 62384
EN 61347-2-13	
Emergency Drivers	
EN 50172	EN 62384
EN 60598-22	EN 600068-2-29
EN 61347-2-7	EN 60068-2-30
EN 61347-2-13	EN 60068-2-64
SELV 60	CE
	
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