

LED Channel light is an affordable replacement for T5 and T8 Channel, a high quality LED channel and a high system efficacy that delivers significant energy savings of up to 50% as compared to conventional T8 battens. With a reliable and robust housing structure, this maximizes the endurance and contributes to its long lifetime. The product comes in a variety of lengths, and an excellent lifetime of 50,000 hours.



Features & Benefits

- Luminary efficacy reaches 115 lm/W, which gives more than 50% of energy saving when compared to T8 Batten with same light level.
- Patented diffuser: Better heat conduction, no embrittlement, no yellowing.
- Reliable and robust housing structure, maximise the endurance over the life time.
- Good colour uniformity and colour rendering (CRI>80).
- High quality cool, neutral and warm white light with high colour consistency.
- World class, approbated quality components (LEDs / Driver / etc.).
- Low maintenance cost.
- Lifetime of over 50,000 hours, which requires no lamp replacement after installation.

Specifications



Family Name	: Channel Star
Model	: PLBL (521)
Wattage	: 20Watt / 30Watt / 40Watt
Lumen / Watt	: 130 lm/W
Lamp Colour	: 2700K, 4700K, 6500K
Colour Rendering Index	: >80
Optics	: HET (High Efficiency Translucence) Diffuser.
Driver	: Integrated (Constant current driver)
Surge Protection	: 10 kV
Housing	: Extruded Aluminum housing finished by white coating.
Lifetime	: 50, 000 hrs
Classifications	: IP54
Input Voltage	: 180 - 270V AC - 50Hz
Power Factor	: > 0.95
Installation	: Suspended mounting by means of 19mm conduits.
Application	: Indoor industries, warehouse, underground parking, convenience store.

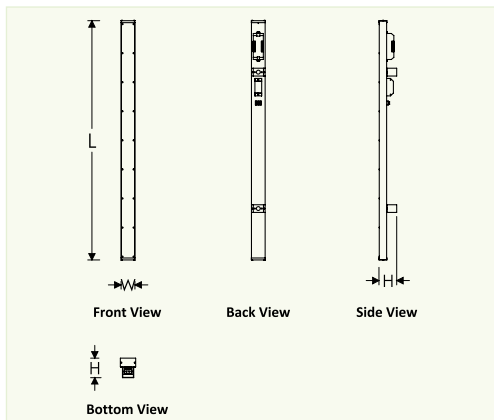
Accessories & Controls

In-built integrated electronic LED driver

Installation

Suitable for Suspended mounting by means of 19mm conduits.

Product Code	Ordering Code	LED Wattage	System Wattage (W)	Rated Voltage (V)	Mains Current (A)	Approx Weight (Kg)	Case Lot (Nos.)
PLBL 521 / 20	PLBL 521 / 48 / 125	18	20	230	0.10		1 Nos.
PLBL 521 / 30	PLBL 521 / 72 / 125	27	30	230	0.15	1.800	1 Nos.
PLBL 521 / 40	PLBL 521 / 96 / 125	36	40	230	0.20	2.400	1 Nos.



Product Code	Dimension in mm			Lumens
	L	W	H	
PLBL 521 / 20	635	72	92	2100
PLBL 521 / 30	935	72	92	3200
PLBL 521 / 40	1235	72	92	4200