



T5 Type B LED T5 Lamps: Plastic

HIGHLIGHTS

- LED T5 Type B lamps easily replaces existing T5 fluorescent lamps by bypassing the existing fluorescent ballast and wiring directly to line voltage
- Internal LED driver means no need to replace a ballast resulting in long-term maintenance savings
- Available in 2', 3', and 4'
- No socket changes; uses shunted or non-shunted sockets, for applicable double ended applications
- Instantaneous full light output upon power-up
- Wide illumination angle provides up to 330° of light distribution
- Plastic (polycarbonate) material for durability and reduced breakage
- Frosted lens reduces visual glare
- Plastic T5 lamps meet the requirements for NSF; aiding as a component to a NSF lighting system

CERTIFICATIONS

- UL Certified for US & Canada
- FCC Compliant
- RoHS Compliant
- ICES-005 Compliant
- Damp Location
- DesignLights Consortium® Qualified - meets DLC requirements for efficacy and lumen maintenance

PERFORMANCE

- High efficacy, up to 152 lm/W
- Available in single CCT models: 4000 or 5000K
- CRI: >82
- Up to 330° illumination angle, with a beam angle of 180°
- Rated Life 70: >50,000 hours

ELECTRICAL

- Input voltage: 120-277V, 50/60 Hz
- Built-in surge protection up to 1KV
- Power Factor: >0.9
- THD: <20%

THERMAL

- -4°F to 113°F (-20°C to 45°C) operating temperature
- Not recommended for air-tight fixtures

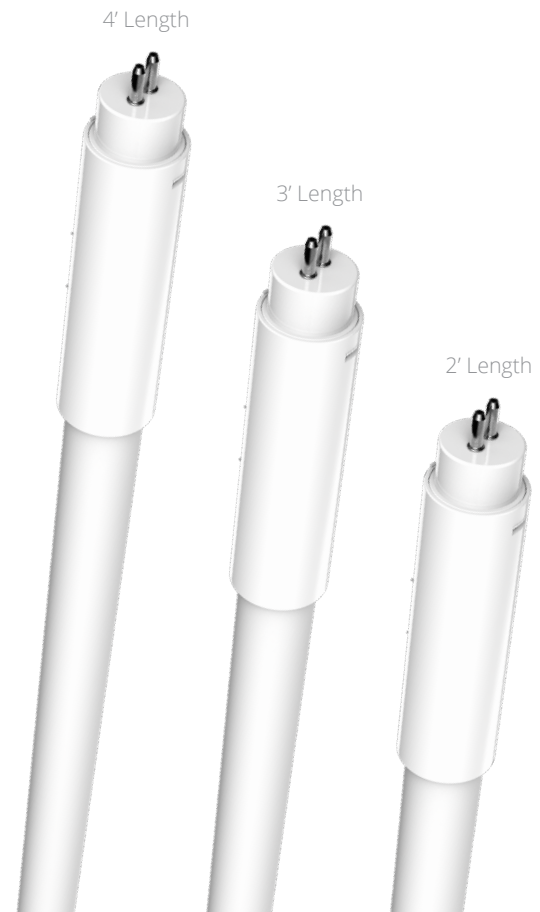
CONSTRUCTION

- Available in 2', 3', 4" and 8' lengths
- Polycarbonate lens for durability
- G5 Bi-Pin

WARRANTY

- 5-Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

project name	type
catalog number	voltage
approved by	date



APPLICATIONS

- Office
- Hospital
- Classroom
- Hotel
- Retail
- Warehouse
- Stairwell
- Hallway
- Production
- Gym
- Campus

KEY FEATURES

SPECIFICATION MADE EASY

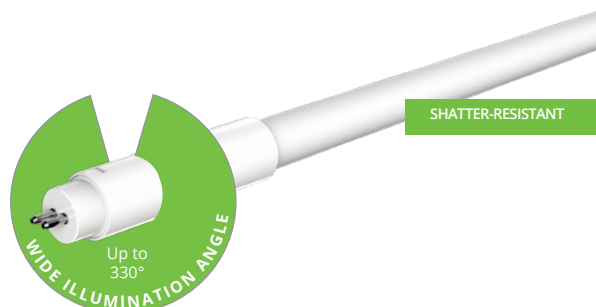
Eliminate the ballast with a simple installation using shunted or non-shunted sockets for single or double-ended install.

WIDER BEAM, MORE LIGHT

Wide illumination angle provides 330° of light distribution

PLASTIC LAMPS

These lamps meet the requirements for NSF; aiding as a component to a NSF lighting system and reduces breakage



AVAILABLE MODELS

ORDER CODE	ITEM #	WATTS	LUMENS	CCT	EFFICACY (lm/W)	INPUT VOLTAGE	BEAM ANGLE	TRADITIONAL WATTAGE EQUIVALENT	DLC ID#
									STANDARD
PLASTIC									
2' LENGTH									
13282	L7WT5-22-BDP-840	7W	1050 lm	4000K	150 lm/W	120-277V	180°	24W Fluorescent	No DLC Category
13283	L7WT5-22-BDP-850	7W	1050 lm	5000K	150 lm/W	120-277V	180°	24W Fluorescent	No DLC Category
3' LENGTH									
12927	L10WT5-34-BDP-840	10W	1500 lm	4000K	150 lm/W	120-277V	180°	39W Fluorescent	No DLC Category
12928	L10WT5-34-BDP-850	10W	1500 lm	5000K	150 lm/W	120-277V	180°	39W Fluorescent	No DLC Category
4' LENGTH									
13288	L14WT5-46-BDP-840	14W	2100 lm	4000K	150 lm/W	120-277V	180°	28W Fluorescent	NO DLC Category
13289	L14WT5-46-BDP-850	14W	2100 lm	5000K	150 lm/W	120-277V	180°	28W Fluorescent	S-L7PDZG
13291	L23WT5-46-BDP-840	23W	3500 lm	4000K	152 lm/W	120-277V	180°	54W Fluorescent	S-HQO2V1
13292	L23WT5-46-BDP-850	23W	3500 lm	5000K	152 lm/W	120-277V	180°	54W Fluorescent	S-XQSUB1

COMPATIBLE EMERGENCY BATTERIES** (FOR TYPE B INSTALLATION ONLY)

ORDER CODE	ITEM #	DESCRIPTION	INPUT VOLTAGE	EMERGENCY TIME	OUTPUT POWER	BACKUP LUMENS	RECHARGE TIME	TITLE 20
10361	EMB-CP-5WBT-U	External Emergency Battery, 5W	120-277V	>90 mins	5W	700	24 hrs	Yes
11675	EEBE18WHA170S	External Emergency Battery, 18W	120-347V	>90 mins	18W	Refer to lamp*	24 hrs	Yes

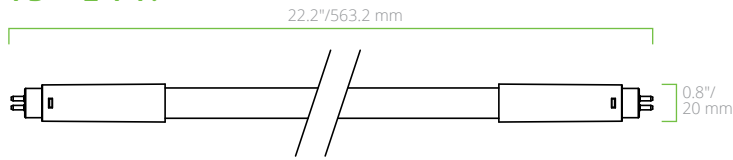
* Refer to the lamp's lumen output for the backup lumens

** Battery backups are NOT compatible with 23W lamps

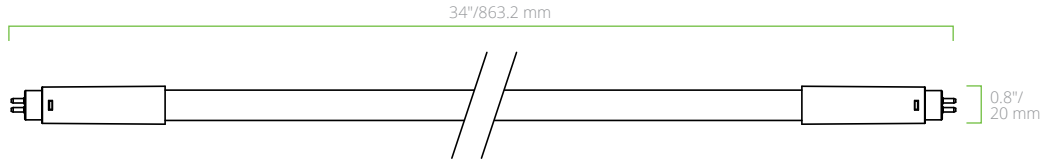
PRODUCT DIMENSIONS

T5 TYPE B PLASTIC

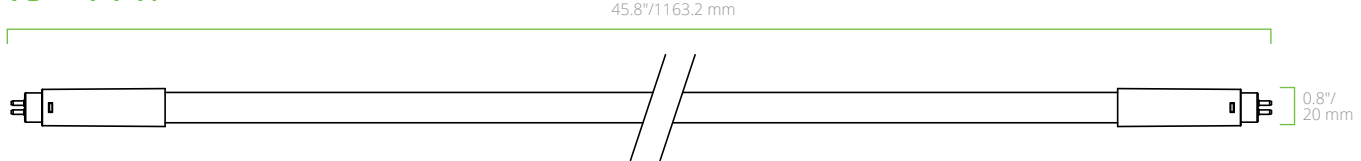
T5 - 2 FT.



T5 - 3 FT.



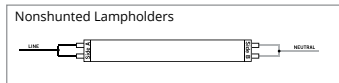
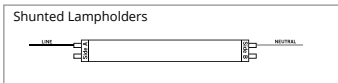
T5 - 4 FT.



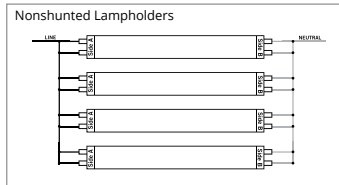
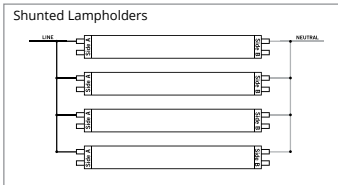
WIRING DIAGRAMS

DOUBLE-ENDED*

Single Lamp Installation



Multiple Lamp Installation



*Note: Both pins on each end of the lamp must be connected to line voltage as shown above. If lamp holder is a non-shunted type, it must be shunted (shorted) by external jumper.