

- 4) **CONNECT** white fixture wire to white power supply and black fixture wire to black power supply with wirenut. For proper connection, place wirenut over wires, twist clockwise until tight. Push wirenuts and excess wiring into junction box.
- 5) **ANGLE LAMP INTO FIXTURE** then install one end of lamp into socket. Guide other end of lamp into opposite socket. Rotate lamp ¼ turn in either direction until seated.
- 6) **TURN ON ELECTRICITY** at fuse or circuit breaker box and verify success of installation.

TROUBLE SHOOTING GUIDE

If this fixture fails to operate properly, use the guide below to diagnose and correct the problem.

- 1) Verify that correct lamp is used.
- 2) Make sure lamp is properly seated in socket.
- 3) Replace defective lamp(s).
- 4) Verify that fixture is wired properly.
- 5) Verify that fixture is grounded properly.
- 6) Verify the line voltage at the fixture is correct.

TO REPLACE BALLAST

Ballast replacement, if required, to be completed by a qualified electrician.



230 Watline Ave.
Mississauga, ON Canada L4Z 1P4
www.kojininc.com
Tel.: 905.270.5685; 1.888.99.KOJIN (86546)

OPERATING MANUAL

T5 UTILITY LIGHT SERIES

KT5UL120-L2 / KT5UL240-L2 / KT5UL240-L4

REV. 11 / 2017

PART LIST

KT5UL120-L2	KT5UL240-L2	KT5UL240-L4
(1) Fixture Housing	(1) Fixture Housing	(1) Fixture Housing
(1) Ballast	(1) Ballast	(1) Ballast
(4) Socket	(4) Socket	(8) Socket

WARRANTY

Guaranteed for one (1) year against mechanical defects in manufacture. Factory installed internal components such as ballast and wiring are guaranteed for three (3) years from date of purchase. Warranty applies to repair or replacement of defective parts and does not include labor costs.

OPERATING ENVIRONMENT

SUITABLE FOR DRY LOCATIONS.

NOTE: AS PART OF THE REGULAR MAINTENANCE OF YOUR FIXTURE, WIPE THE REFLECTORS WITH A DAMP CLOTH TO REMOVE ANY DUST WHENEVER YOU REPLACE THE LAMPS OR BALLASTS.

WARNINGS

WARNING: USE CAUTION AROUND SHARP EDGES.

WARNING: DO NOT USE WITH DIMMERS.

WARNING: FIXTURE DESIGNED FOR INDOOR USE ONLY AND SHOULD NOT BE USED IN AREAS WITH LIMITED VENTILATION OR HIGH AMBIENT TEMPERATURES

WARNING: TO AVOID RISK OF FIRE OR SHOCK FOLLOW INSTALLATION INSTRUCTIONS STRICTLY.

WARNING: ALWAYS ENSURE POWER SOURCE IS TURNED OFF OR DISCONNECTED BEFORE ATTEMPTING TO CHANGE OR MODIFY LUMINAIRE.

WARNING: TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.

WARNING: RISK OF FIRE OR ELECTRIC SHOCK. MINIMUM 90°C SUPPLY CONDUCTORS. INSTALLATION REQUIRES KNOWLEDGE OF FLUORESCENT LIGHTING LUMINAIRE ELECTRICAL SYSTEM. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION. CONTACT A QUALIFIED ELECTRICIAN.

WARNING: ALWAYS USE SPECIFIED WATTAGE AND TYPE OF LAMP FOR THE FIXTURE. FAILURE TO DO SO WILL VOID WARRANTY.

WARNING: THIS FIXTURE IS INTENDED TO BE CONNECTED TO A PROPERLY INSTALLED AND GROUNDED UL LISTED

JUNCTION BOX (NOT PROVIDED) AND SHOULD BE INSTALLED ACCORDING TO LOCAL BUILDING CODES.

WARNING: RISK OF INJURY. SOME METAL PARTS IN THE FIXTURE MAY HAVE SHARP EDGES. TO PREVENT CUTS AND SCRAPES, WEAR GLOVES WHEN HANDLING THE PARTS. ACCOUNT FOR SMALL PARTS AND DESTROY PACKAGING MATERIAL, AS THESE MAY BE HAZARDOUS TO CHILDREN.

KOJIN assumes no responsibility for claims arising out of improper or careless installation or handling of this product. This equipment must be installed by a qualified person familiar with the construction and operation of this product and any hazards involved.

INSTALLATION INSTRUCTIONS

WARNING: BEFORE WIRING FIXTURE TO POWER SUPPLY, TURN OFF ELECTRICITY AT FUSE OR CIRCUIT BREAKER BOX. FIXTURE MUST BE GROUNDED TO AVOID POTENTIAL ELECTRICAL SHOCK AND TO ENSURE RELIABLE LAMP STARTING.

- 1) **REMOVE PACKAGING AND FIXTURE COMPONENTS.** Check that all parts are included. Remove protective film on Nano Reflectors.
- 2) **UTILITY LIGHT CAN BE SURFACE, STEM OR CHAIN MOUNTED** (not included).
- 3) **GROUND FIXTURE AS FOLLOWS.** Secure the green or bare copper ground wire from the outlet box under the green screw. If house wiring includes no ground wire, consult electrician.