

TEKLINK™ TL1000/2000 FOR MILLENNIUM FINITE™

Control System Specification

FNL-TL1000/2000 SYSTEM

PRODUCT FEATURES:

- » Wireless OR Wired Communication
- » Configure System through Web Browser
- » Integral Occupancy Detection
- » Monitor Lighting Power Consumption
- » Monitor Occupancy Events



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS:

PRODUCT BRIEF: TekLink™ TL1000 and TL2000 are cloud-based, adaptive lighting control systems that utilize wired and wireless (respectively) communication between system nodes. The system consists mainly of luminaire-integrated lighting controllers (BORGs), integrated Sensors, Bridges, and a Gateway. This specification provides information on the luminaire level control components. Please see the [Bridge and Gateway Specification](#) sheet for additional system information.

TEKLINK TL1000/2000 BORG: Integral controllers located in LED luminaires, sensors, and as stand-alone devices; BORGs (Board on Radio Grid) measure and record system data and activity. The LED luminaires react to changes in the environment based on a programmable lighting schedule. TL1000 BORGs utilize wired (shielded twisted pair) communication to exchange information built on the CAN bus protocol. TL2000 BORGs use wireless communication (900 MHz), designed to the IEEE 802.15.4 standard.

TEKLINK SENSOR: Operates by low-voltage power provided by the BORG or LED driver and provides Passive Infrared (PIR) occupancy detection with integral light level sensing. Lens options provide 360° coverage at various mounting heights and coverage areas listed in the table below.

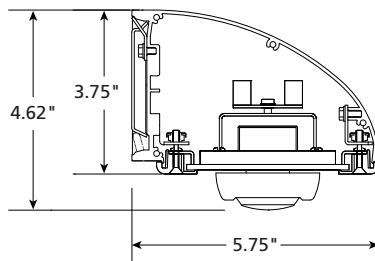
INSTALLATION: Control components and sensor housing pre-attached to TD17 housing at factory.

WARRANTY: Limited five (5) year warranty.



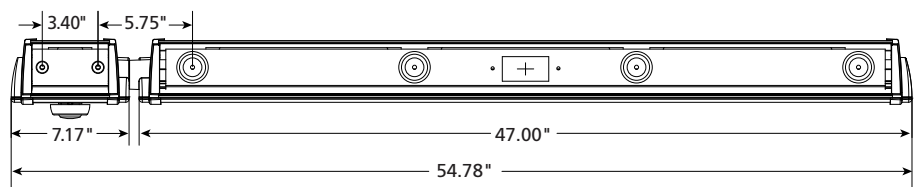
DIMENSIONAL DATA

CROSS SECTION



Added
Occupancy
Sensor

BACK VIEW (4' FIXTURE USED IN EXAMPLE BELOW)



Lens Option	Lens Angle	Maximum Coverage	Mounting Height
TL168	360°	16' diameter	8'
TL488	360°	48' diameter	8'
TL6020	360°	60' diameter	20'



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