

# TEKLINK™ TL1000/2000 FOR TEKDEK™ Control System Specification

## TD-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.

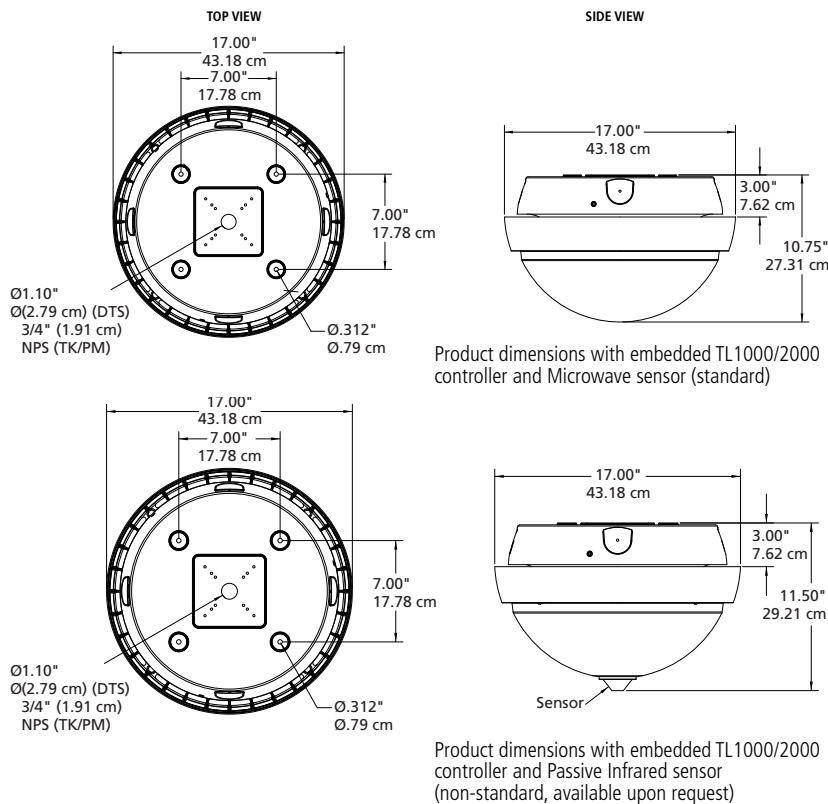
**TEKLINK SENSOR:** Operates by low-voltage power provided by the BORG or LED driver and provides Microwave (MW) occupancy detection with integral light level sensing.

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

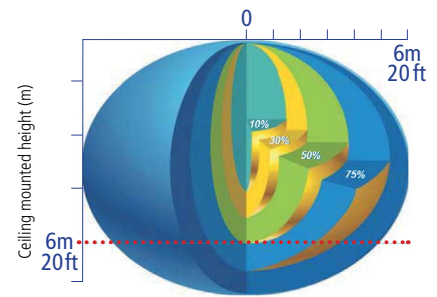
**WARRANTY:** Limited five (5) year warranty.



### DIMENSIONAL DATA



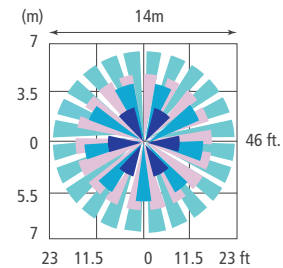
### MICROWAVE SENSOR COVERAGE PATTERN



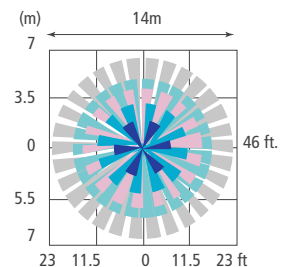
Ceiling mounted detection pattern

**NOTE:** Occupancy pattern dimensions are maximums, may vary due to environment

### TL488 Lens



### TL6020 Lens



Lens Option	Lens Angle	Maximum Coverage	Mounting Height
L488	360°	48' diameter	8'
L6020	360°	60' diameter	20'



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