KEYSTONE
SINCE 1945

SmartDrive LED
PLUG & PLAY WITH BALLAST

KT-LED15T8-48GC-850-S
T8 LED LAMP

DESCRIPTION
15W T8 LED **I** 5000K **I** >80 CRI **I** High Efficiency **I** Ballast Compatible

DLC | NSF | c(UL)us LISTED | RoHS Compliant | 5 YEAR WARRANTY

LAMP TYPE: Linear	
BULB TYPE: T8 LED	
BASE TYPE: G13 (Medium Bi-Pin)	
WATTAGE: 15W	
COLOR TEMPERATURE: 5000K	
COLOR RENDERING INDEX (CRI): >80	
WARRANTY: 5 Years	

PRODUCT FEATURES

- **Compatible with Most Instant and Program Start Electronic T8 Ballasts, Contact Keystone for Ballast Compatibility List**
- Direct Replacement for the Following Fluorescent Lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W
- UL Listed; Listed on DLC Qualified Product List
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation

- Operating Temperature: -20ºC/-4ºF to 45ºC/113ºF
- 110+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry and Damp Locations
- Improved Lamp Durability with Shatterproof Coated Glass, designed to pass drop tests of 6' on hard surface
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

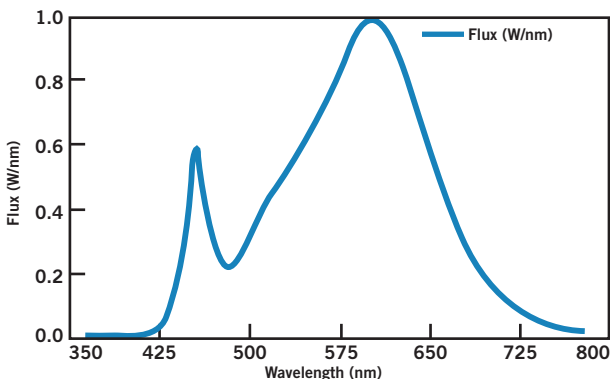## OPERATING SPECIFICATIONS

ELECTRICAL AND PERFORMANCE CHARACTERISTICS

Input Voltage	CRI	Bare Lamp Wattage	Nominal Lamp Lumens	System Wattage*			Initial Lumens*			Visible Light Area	Nominal Bare Lamp Efficacy	Power Factor	Max. THD
				0.78BF	0.88BF	1.18BF	0.78BF	0.88BF	1.18BF				
Ballast Dependent	>80	15W	2200 lm	15.8W	17.5W	24.1W	1980 lm	2200 lm	2840 lm	325º	147	>0.9	20%

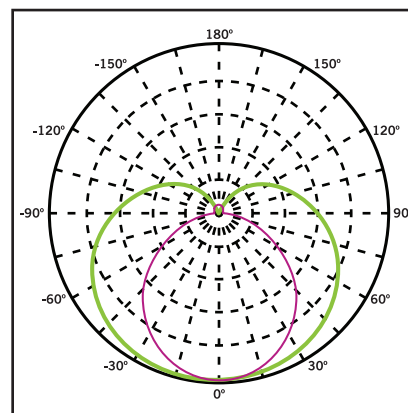** Nominal values. Actual values may vary depending on electronic ballast used.*

RATED LIFE

L70 (Hours)	50,000

SPECTRAL DISTRIBUTION

POLAR CANDELA DISTRIBUTION

Maximum Candela = 1248.55
Located at Horizontal Angle = 0,
Vertical Angle 0

1. **Violet** Vertical Plane through Horizontal Angles (90-270)

2. **Green** Vertical Plane through Horizontal Angles (0-180)

Beam Angle: 220º

Visible Light Area: 325º

KEYSTONE SINCE 1945 | **SMARTDRIVE LED**
PLUG & PLAY WITH BALLAST

KT-LED15T8-48GC-850-S
T8 LED LAMP

WIRING

Plug and Play: Simply replace the existing fluorescent lamp with Keystone Smart Drive LED lamp. No changes to the existing fluorescent ballast wiring needed. For ballast compability questions, please contact Keystone.

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

A (Illuminated Length)	44.70"
B (Body Length)	47.15"
C (Diameter)	1.00"

NOMINAL LENGTH: 48"   **BASE TYPE:** G13 (Medium Bi-Pin)

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED15T8-48GC-850-S-CP	Carton Pack (Egg Crate Packaging)	25	Quick Ship
KT-LED15T8-48GC-850-S-DP	Distributor Pack (Individual Cartons)	20	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED15T8-48GC-850-S-CP

KT-	LED	15	T8	48	GC	850		S	CP
Keystone Technologies	LED Lamp	Wattage	Lamp Type	Nominal Length (Inches)	Shatterproof Coated Glass	800 Series	Color Temp.	Smart Drive Series	Packaging Style

Keystone Technologies • 1390 Welsh Road, North Wales, PA 19454 • Phone (800) 464-2680 • Fax (888) 966-0556 • **www.keystonetech.com**

Specifications subject to change. Last revised on 1.25.18

KEYSTONE
SINCE 1945

SMARTDRIVE LED
PLUG & PLAY WITH BALLAST

KT-LED15T8-48GC-850-S
T8 LED LAMP

DESCRIPTION
15W T8 LED **I** 5000K **I** >80 CRI **I** High Efficiency **I** Ballast Compatible

DLC | NSF | c(UL)us LISTED | RoHS Compliant | 5YEAR WARRANTY

LAMP TYPE: Linear	
BULB TYPE: T8 LED	
BASE TYPE: G13 (Medium Bi-Pin)	
WATTAGE: 15W	
COLOR TEMPERATURE: 5000K	
COLOR RENDERING INDEX (CRI): >80	
WARRANTY: 5 Years	

PRODUCT FEATURES

- **Compatible with Most Instant and Program Start Electronic T8 Ballasts, Contact Keystone for Ballast Compatibility List**
- Direct Replacement for the Following Fluorescent Lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W
- UL Listed; Listed on DLC Qualified Product List
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation

- Operating Temperature: -20ºC/-4ºF to 45ºC/113ºF
- 110+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry and Damp Locations
- Improved Lamp Durability with Shatterproof Coated Glass, designed to pass drop tests of 6' on hard surface
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

OPERATING SPECIFICATIONS

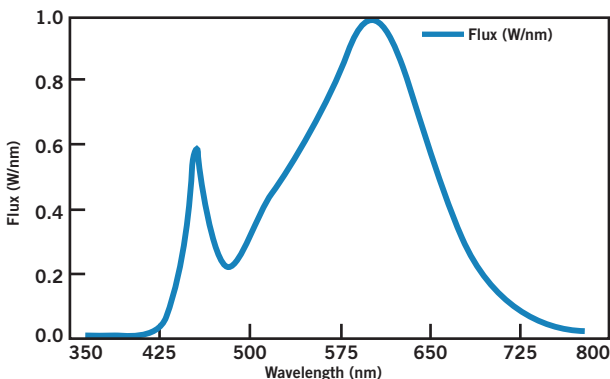### ELECTRICAL AND PERFORMANCE CHARACTERISTICS

Input Voltage	CRI	Bare Lamp Wattage	Nominal Lamp Lumens	System Wattage*			Initial Lumens*			Visible Light Area	Nominal Bare Lamp Efficacy	Power Factor	Max. THD
				0.78BF	0.88BF	1.18BF	0.78BF	0.88BF	1.18BF				
Ballast Dependent	>80	15W	2200 lm	15.8W	17.5W	24.1W	1980 lm	2200 lm	2840 lm	325º	147	>0.9	20%

* Nominal values. Actual values may vary depending on electronic ballast used.
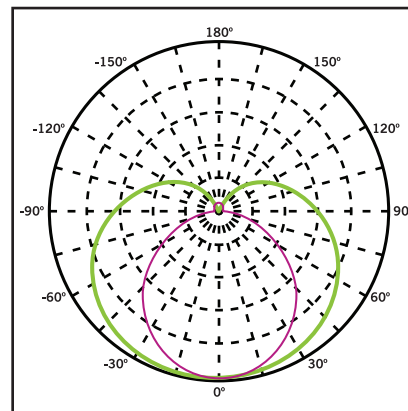
RATED LIFE

L70 (Hours)	50,000

SPECTRAL DISTRIBUTION

POLAR CANDELA DISTRIBUTION

Maximum Candela = 1248.55
Located at Horizontal Angle = 0,
Vertical Angle 0

1. Violet Vertical Plane through Horizontal Angles (90-270)

2. Green Vertical Plane through Horizontal Angles (0-180)

Beam Angle: 220º

Visible Light Area: 325º

Keystone Technologies • 1390 Welsh Road, North Wales, PA 19454 • Phone (800) 464-2680 • Fax (888) 966-0556 • **www.keystonetech.com**

Specifications subject to change. Last revised on 1.25.18

KEYSTONE
SINCE 1945

SmartDrive LED
PLUG & PLAY WITH BALLAST

KT-LED15T8-48GC-850-S
T8 LED LAMP

WIRING

Plug and Play: Simply replace the existing fluorescent lamp with Keystone Smart Drive LED lamp. No changes to the existing fluorescent ballast wiring needed. For ballast compability questions, please contact Keystone.

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

A (Illuminated Length)	44.70"
B (Body Length)	47.15"
C (Diameter)	1.00"

NOMINAL LENGTH: 48" **BASE TYPE:** G13 (Medium Bi-Pin)

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED15T8-48GC-850-S-CP	Carton Pack (Egg Crate Packaging)	25	Quick Ship
KT-LED15T8-48GC-850-S-DP	Distributor Pack (Individual Cartons)	20	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED15T8-48GC-850-S-CP

Keystone Technologies | LED Lamp | Wattage | Lamp Type | Nominal Length (Inches) | Shatterproof Coated Glass | 800 Series | Color Temp. | Smart Drive Series | Packaging Style

Keystone Technologies • 1390 Welsh Road, North Wales, PA 19454 • Phone (800) 464-2680 • Fax (888) 966-0556 • **www.keystonetech.com**

Specifications subject to change. Last revised on 1.25.18