



KT-LED18T8-U6GC-840-D

U-BEND T8 LED LAMP

DESCRIPTION

18W T8 U-Bend LED | 4000K | >80 CRI | High Efficiency



| |
|---|
| LAMP TYPE: U-Bend |
| BULB TYPE: T8 LED |
| BASE TYPE: G13 (Medium Bi-Pin) |
| WATTAGE: 18W |
| COLOR TEMPERATURE: 4000K |
| COLOR RENDERING INDEX (CRI): >80 |
| WARRANTY: 5 Years |



PRODUCT FEATURES

- Replacement for Conventional Fluorescent Lamp
- UL Classified; Listed on DLC Qualified Product List
- 50,000+ Hour Lifetime
- Approximately 40% More Energy Efficient than Standard F32T8 Lamps
- Environmentally Friendly: No Mercury Used
- Integral Driver (Isolated) Eliminates the Need for an External Ballast or Driver
- Instant Startup
- Frosted Lens Eliminates Pixelation
- Operating Temperature: -20°C/-4°F to 45°C/113°F
- 110+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry and Damp Locations
- Improved Lamp Durability with Shatterproof Coated Glass
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment

OPERATING SPECIFICATIONS

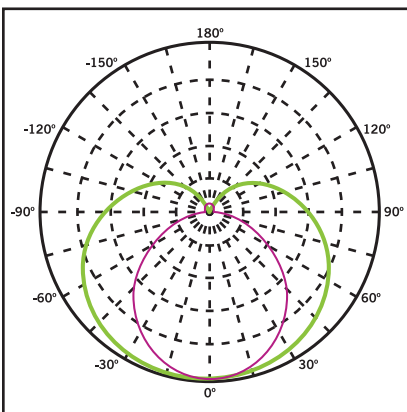
ELECTRICAL AND PERFORMANCE CHARACTERISTICS

| Input Voltage | CRI | Bare Lamp Wattage | Nominal Lamp Lumens | Beam Angle | Nominal Bare Lamp Efficacy | Power Factor | Max. THD |
|---------------|-----|-------------------|---------------------|------------|----------------------------|--------------|----------|
| 120-277V | >80 | 18W | 2150 | 220° | 119 lm/W | >0.9 | 20% |

RATED LIFE

| | |
|-------------|--------|
| L70 (Hours) | 50,000 |
|-------------|--------|

POLAR CANDELA DISTRIBUTION



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: 220°

Visible Light Area: 325°

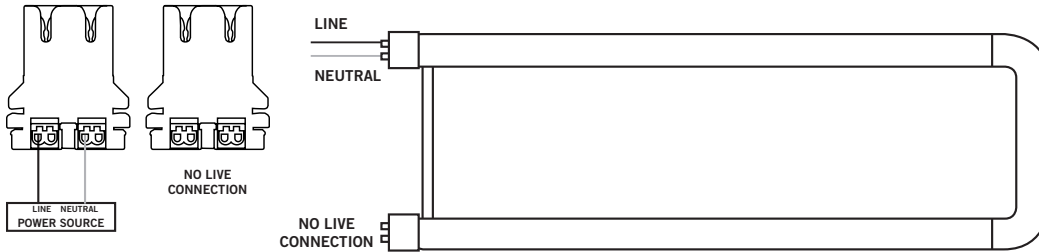


KT-LED18T8-U6GC-840-D

U-BEND T8 LED LAMP

WIRING

Re-wire fixture as show below.



Typical Non-Shunted Lampholder

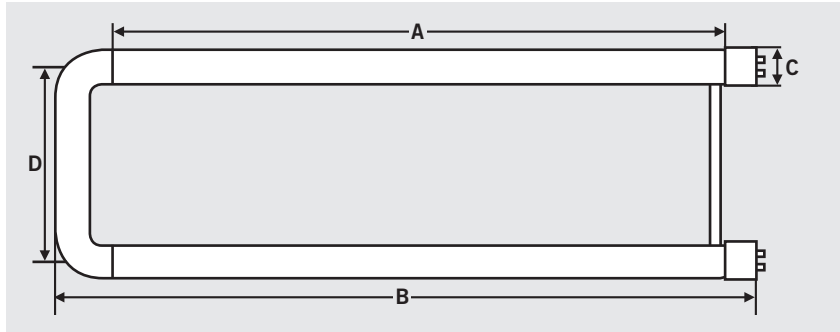
Connect wires directly to these terminals

CAUTION:
Use only non-shunted lampholders.

Do not install product in a fixture with shunted lampholders (found in all fixtures using instant start ballasts). If the current lampholders are shunted, remove them and replace them with non-shunted lampholders. Make new connections directly to terminals as indicated above.

Keystone can provide any style replacement lampholders. Call us at 800-464-2680.

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

| | |
|-------------------------------|---------------------|
| A (Illuminated Length) | 20.20" |
| B (Body Length) | 22.25" |
| C (Diameter) | 1.00" |
| D (Width) | 6.00" |
| Nominal Length | 6" U-Bend |
| Base Type | G13 (Medium Bi-Pin) |

ORDERING INFORMATION

| ORDER CODE | PACKAGING STYLE | PACK QTY. | ITEM STATUS |
|--------------------------|-----------------------------------|-----------|-------------|
| KT-LED18T8-U6GC-840-D-CP | Carton Pack (Egg Crate Packaging) | 12 | Quick Ship |

CATALOG NUMBER BREAKDOWN

KT-LED18T8-U6GC-840-D-CP





KT-LED18T8-U6GC-840-D

U-BEND T8 LED LAMP

DESCRIPTION

18W T8 U-Bend LED | 4000K | >80 CRI | High Efficiency



| |
|---|
| LAMP TYPE: U-Bend |
| BULB TYPE: T8 LED |
| BASE TYPE: G13 (Medium Bi-Pin) |
| WATTAGE: 18W |
| COLOR TEMPERATURE: 4000K |
| COLOR RENDERING INDEX (CRI): >80 |
| WARRANTY: 5 Years |



PRODUCT FEATURES

- Replacement for Conventional Fluorescent Lamp
- UL Classified; Listed on DLC Qualified Product List
- 50,000+ Hour Lifetime
- Approximately 40% More Energy Efficient than Standard F32T8 Lamps
- Environmentally Friendly: No Mercury Used
- Integral Driver (Isolated) Eliminates the Need for an External Ballast or Driver
- Instant Startup
- Frosted Lens Eliminates Pixelation
- Operating Temperature: -20°C/-4°F to 45°C/113°F
- 110+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry and Damp Locations
- Improved Lamp Durability with Shatterproof Coated Glass
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment

OPERATING SPECIFICATIONS

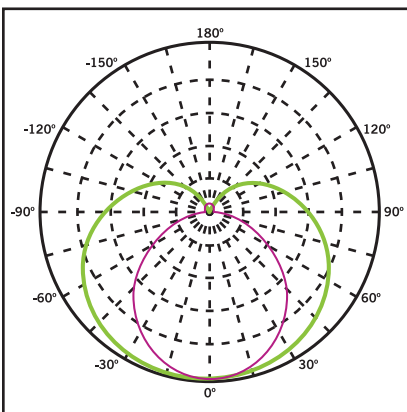
ELECTRICAL AND PERFORMANCE CHARACTERISTICS

| Input Voltage | CRI | Bare Lamp Wattage | Nominal Lamp Lumens | Beam Angle | Nominal Bare Lamp Efficacy | Power Factor | Max. THD |
|---------------|-----|-------------------|---------------------|------------|----------------------------|--------------|----------|
| 120-277V | >80 | 18W | 2150 | 220° | 119 lm/W | >0.9 | 20% |

RATED LIFE

| | |
|-------------|--------|
| L70 (Hours) | 50,000 |
|-------------|--------|

POLAR CANDELA DISTRIBUTION



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: 220°

Visible Light Area: 325°

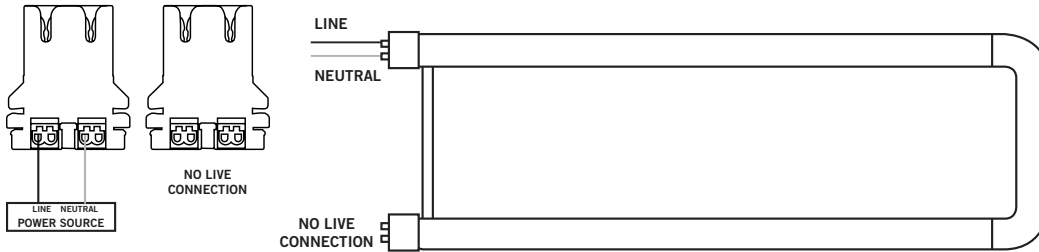


KT-LED18T8-U6GC-840-D

U-BEND T8 LED LAMP

WIRING

Re-wire fixture as show below.



Typical Non-Shunted Lampholder

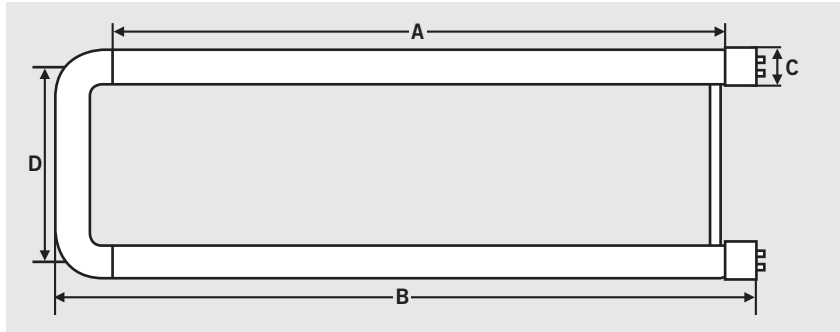
Connect wires directly to these terminals

CAUTION:
Use only non-shunted lampholders.

Do not install product in a fixture with shunted lampholders (found in all fixtures using instant start ballasts). If the current lampholders are shunted, remove them and replace them with non-shunted lampholders. Make new connections directly to terminals as indicated above.

Keystone can provide any style replacement lampholders. Call us at 800-464-2680.

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

| | |
|-------------------------------|---------------------|
| A (Illuminated Length) | 20.20" |
| B (Body Length) | 22.25" |
| C (Diameter) | 1.00" |
| D (Width) | 6.00" |
| Nominal Length | 6" U-Bend |
| Base Type | G13 (Medium Bi-Pin) |

ORDERING INFORMATION

| ORDER CODE | PACKAGING STYLE | PACK QTY. | ITEM STATUS |
|--------------------------|-----------------------------------|-----------|-------------|
| KT-LED18T8-U6GC-840-D-CP | Carton Pack (Egg Crate Packaging) | 12 | Quick Ship |

CATALOG NUMBER BREAKDOWN

KT-LED18T8-U6GC-840-D-CP

