KEYSTONE
SINCE 1945

DIRECTDRIVE LED
LINE VOLTAGE T5 TUBES

KT-LED16T5HO-36GC-835-D
T5 LED LAMP

DESCRIPTION

16W T5 LED **I** 3500K **I** >80 CRI **I** High Efficiency

LAMP TYPE: Linear	
BULB TYPE: T5 LED	
BASE TYPE: G5 (Miniature Bi-Pin)	
WATTAGE: 16W	
COLOR TEMPERATURE: 3500K	
COLOR RENDERING INDEX (CRI): >80	
WARRANTY: 5 Years	

PRODUCT FEATURES

- Replacement for Conventional Fluorescent Lamp
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Direct Replacement for F39T5/HO Fluorencent Lamp
- Frosted Lens Eliminates Pixelation
- UL Classified

- Operating Temperature: -20ºC/-4ºF to 45ºC/113ºF
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
- 110+ Lumens per Watt
- Improved Lamp Durability with Shatterproof Coated Glass
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	16W	>0.9	0.13A @ 120V 0.06A @ 277V

RATED LIFE

L70 (Hours)	50,000

PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	3500K
Luminous Flux	1800 lm
Color Rendering Index (CRI)	>80
Efficacy	113 lm/W
Beam Angle	240º
Visible Light Area	325º

POLAR CANDELA DISTRIBUTION
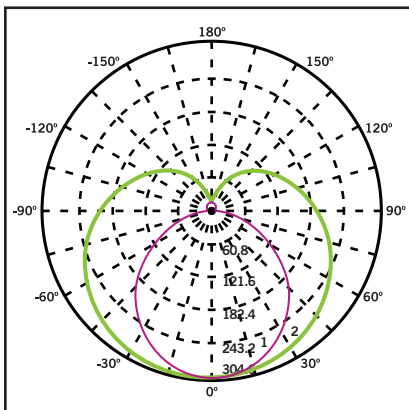
Located at Horizontal Angle = 0, Vertical Angle 0

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

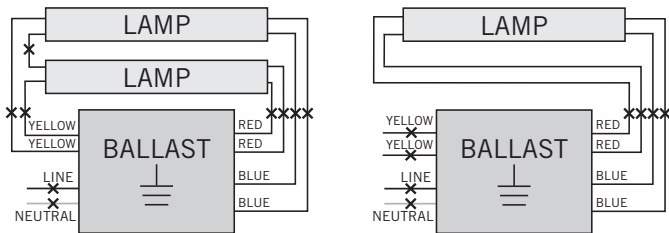2. **Green** Vertical Plane through Horizontal Angles (0-180)

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

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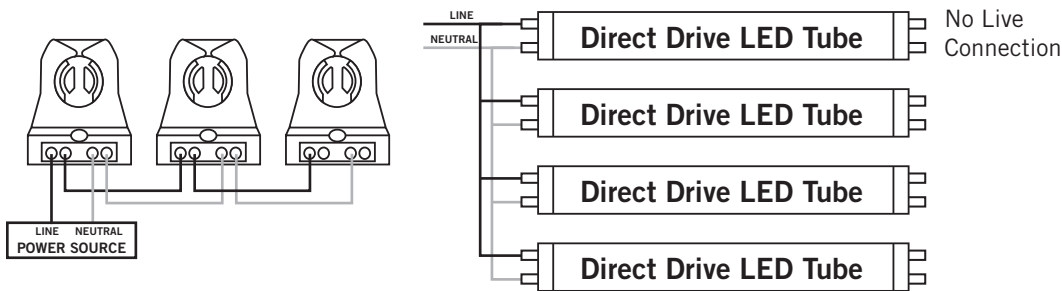## WIRING DIAGRAMS

1. Cut all existing connections to ballast as shown below and remove ballast.

Typical Ballast Configurations:

Typical Non-Shunted Lampholder

Connect wires directly to these terminals

2. Re-wire fixture as shown below.

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)	29.56"
B (Body Length)	33.38"
C (Diameter)*	0.82"
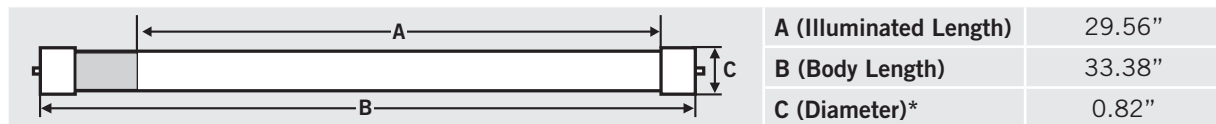
NOMINAL LENGTH: 36"   **BASE TYPE:** G5 (Miniature Bi-Pin)

*Though nominally referred to as a T5, this lamp has a T6 diameter

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED16T5HO-36GC-835-D-CP	Carton Pack (Egg Crate Packaging)	25	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED16T5HO-36GC-835-D-CP

Keystone Technologies	LED Lamp	Wattage	Lamp Type	Nominal Length (Inches)	Shatter-Proof Coated Glass	800 Series	Color Temp.	Direct Drive Series	Packaging Style