



LED SelecT8 Color Selectable Product Specifications



Reasons to choose the LED SelecT8 Color Selectable Tubes from TCP

- Color selectable: 3500K, 4000K, 5000K or 3000K, 3500K, 4000K, 5000K, 6500K
- Non-flickering
- Reduces inventory costs
- Over 50% energy savings compared to fluorescent alternatives
- Rated for open or enclosed fixtures and damp locations
- Long Life: 50,000 hours
- Instant on/off, no warm up time
- Use 1 SKU per job for multiple CCT requirements

Ideal Applications

- Offices
- Restaurants
- Retail Stores
- Lobbies
- Schools
- Hospitals
- Warehouses
- Grocery

Specifications

Base Type G13
 Construction Type A: Double ended
 Type B: Single/Double ended
 System Wattage: Type A: 15W, Type B: 14W
 Safety cETLus
 Environment Damp/Dry Locations
 Enclosed Suitable for enclosed luminaires
 Rated Life L70 50,000+ hours

Beam Angle 190°
 Field Angle 300°
 Ballast Type A: Instant Start, Type B: Bypass
 Target Replacement Lamp 32W Fluorescent
 Operating Temperature -20°C to 45°C
 Dimming Non Dimmable
 Glass Frosted Glass
 Power Factor > .9



LED SelecT8 Color Selectable

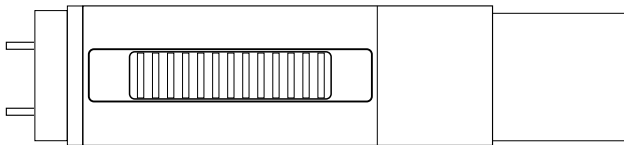
| Item# | Description | DLC# | Voltage | LED Watts | NBF System Watts | NBF Lumens | NBF LPW | Color Temp | CRI |
|------------------------|-----------------------------------|-----------|----------|-----------|------------------|------------|---------|-------------------|-----|
| TYPE A 120-277V | | | | | | | | | |
| LT812A50CCT | LED 12W 4' T8 Type A IS 35-40-50K | T80426CCT | 120-277V | 12 | 15 | 1800 | 121 | 3500K/4000K/5000K | 80 |

| Item# | Description | DLC# | Voltage | LED Watts | Line Voltage Lumens | Line Voltage LPW | Color Temp | CRI |
|---|---|-------------|----------|-----------|--------------------------|---------------------|---------------------|-----|
| TYPE B DOUBLE / SINGLE END WIRING 120-277V | | | | | | | | |
| LT814B2CCT | LED 14W 4' T8 2E BYPASS 30-35-40-50-65K | T804BD10CCT | 120-277V | 14 | 1800/1800/1900/1900/1900 | 128/128/136/136/136 | 30K/35K/40K/50K/65K | 80 |

| Item# | Description | DLC Model # | Repl. Floor. Watts | Line Voltage Watts | Line Voltage Lumens | Line Voltage LPW | NBF System Watts | NBF System Lumens* | NBF System LPW | Color Temp | CRI |
|--|-----------------------------|--------------|--------------------|--------------------|---------------------|------------------|------------------|--------------------|----------------|-------------------|-----|
| TYPE AB 120-277V - PRE-ORDER NOW! | | | | | | | | | | | |
| LT815ABCCT | 4' GL LED T8 Type AB DE CCT | T804ABD02CCT | 32 | 15 | 1900 | 126.7 | 15 | 1900 | 126.7 | 3500K/4000K/5000K | 80 |

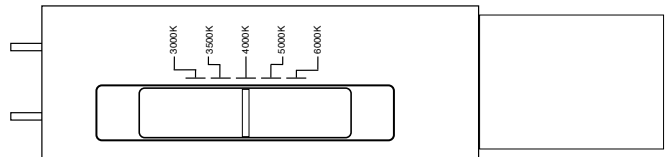
Color Selectable Switch

LT812A50CCT, LT815ABCCT



Color Selectable Switch

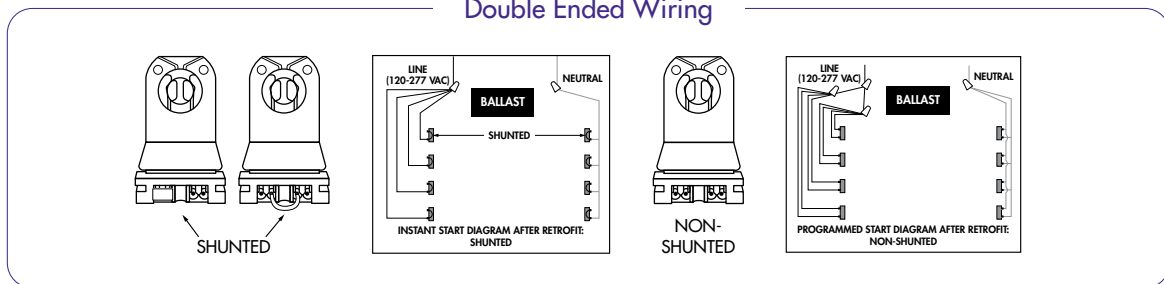
LT814B2CCT



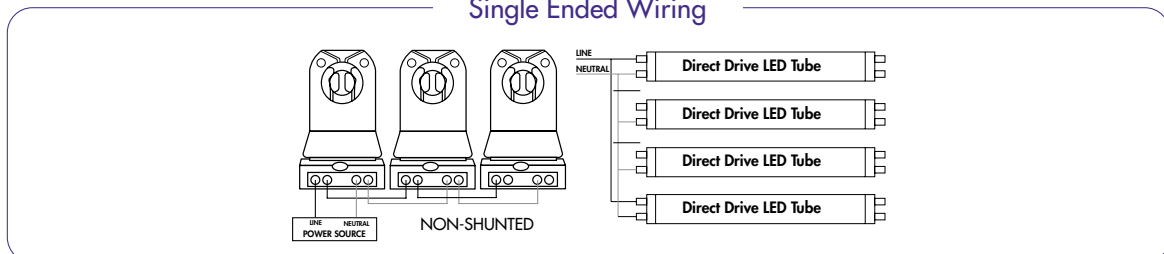
Type B Wiring Diagrams

LT813B2CCT

Double Ended Wiring



Single Ended Wiring



Complete instructions tcp.com / Commercial Lighting / Business Resource Center

Instant Start Ballasts Compatible with LED SelecT8

| Manufacturer | Model # | Voltage |
|----------------------|----------------------|---------|
| ESPEN | VE2P32MVHIPE | UNV |
| | VE4P32MVHIPE | UNV |
| GE | GE132MAX-L/ULTRA | UNV |
| | GE132MAX-P-N/ULTRA | UNV |
| | GE232MAX347-N | 347 |
| | GE232MAX-N/ULTRA | UNV |
| | GE232MAX-G-N | UNV |
| | GE232MAX-P-N/ULTRA | UNV |
| | GE232MAX-H/ULTRA | UNV |
| | GE232MAX-P-H/ULTRA | UNV |
| | GE232MAX-P-L/ULTRA | UNV |
| | GE332MAX-L/ULTRA | UNV |
| | GE332MAX-N/ULTRA | UNV |
| | GE332MAX-P-N/ULTRA | UNV |
| | GE332MAX-G-N | UNV |
| | GE332MAX-H/ULTRA | UNV |
| | GE432MAX-P-L/ULTRA | UNV |
| | GE432MAX-G-N | UNV |
| | GE432MAX-N/ULTRA | UNV |
| | GE432MAX-H/ULTRA | UNV |
| GE432MAX-P-H/ULTRA | UNV | |
| Osram/Sylvania | QHE2X32T8/UNV ISN-SC | UNV |
| | QHE2X32T8/UNV ISL-SC | UNV |
| | QHE2X32T8/UNV ISH-SC | UNV |
| | QHE2X32T8/347 ISN-SC | 347 |
| | QHE4X32T8/UNV ISN-SC | UNV |
| | QHE4X32T8/UNV ISL-SC | UNV |
| | QHE4X32T8/UNV ISH-SC | UNV |
| | QHE4X32T8/UNV ISH | UNV |
| | QTP2X32T8/UNV ISN-SC | UNV |
| | QTP3X32T8/UNV ISN-SC | UNV |
| | QTP2X32T8/UNV ISL-SC | UNV |
| | QTP3X32T8/UNV ISL-SC | UNV |
| | QTP2X32T8/UNV ISH-SC | UNV |
| | QTP3X32T8/UNV ISH-SC | UNV |
| QTP4X32T8/UNV ISN-SC | UNV | |
| Philips/Advance | IOPA-2P32-LW-N | UNV |
| | IOPA-3P32-LW-N | UNV |
| | IOPA-4P32-LW-N | UNV |
| | IOPA-4P32-N | UNV |
| | IOPA-2P32-HL-N | UNV |
| | IOPA-3P32-HL-N | UNV |
| | IOPA-2P32-LW-SC | UNV |
| | IOPA-4P32-LW-SC | UNV |
| | IOP-2P32-LW-N | UNV |
| | IOP-3P32-LW-N | UNV |
| | IOP-4P32-LW-N | UNV |
| IOP-3P32-N | UNV | |

| Manufacturer | Model # | Voltage |
|-------------------------|--------------------|---------|
| Philips/Advance (cont.) | ICN-1P32-N | UNV |
| | ICN-2P32-N | UNV |
| | ICN-3P32-N | UNV |
| | ICN-2P32-SC | UNV |
| | ICN-4P32-N | UNV |
| | GOPA-2P32-SC | 347 |
| | GOPA-4P32-SC | 347 |
| | REL-2P32-SC | UNV |
| | REL-2P32-RH-TP | UNV |
| | VEL-2P32-SC | UNV |
| | VEL-4P32-SC | UNV |
| | IOP-3P32HL-90L-SC | UNV |
| | VOP-2P32-LW | 277 |
| | GEL-2P32-SC | 347 |
| | GEL-3P32-SC | 347 |
| | IOPA-3P32-N | UNV |
| | IOPA-2P32-N | UNV |
| | ICN-3P32-SC | UNV |
| | GEL-3P32-RH-TP | UNV |
| | GOPA-2P32-N | 347 |
| Standard | E432T8IS120/N/AS | UNV |
| | E232T8IS120/N/AS | UNV |
| | E432PI347G0/347 | 347 |
| | E232T8IS347/H/90C | 347 |
| | E432T8IS347/H/90C | 347 |
| TCP | E2P32ISUNVE | UNV |
| | E2P32ISUNVHE | UNV |
| | E2P32ISUNVLE | UNV |
| | E3P32ISUNVE | UNV |
| | E3P32ISUNVHE | UNV |
| | E3P32ISUNVLE | UNV |
| | E4P32ISUNVE | UNV |
| | E4P32ISUNVHE | UNV |
| | E4P32ISUNVLE | UNV |
| | E2P32IS120RES | UNV |
| Universal | B132IUNVHP-N | UNV |
| | B232IUNVHP-N | UNV |
| | B232IUNVEL-A rev D | UNV |
| | B232I277RHA | 277 |
| | B232IUNVHP-N | UNV |
| | B332IUNVHP-A | UNV |
| | B432I277RHA | 277 |
| | B432I120RHA | UNV |
| | B232I120RHA* | UNV |
| | B432IUNVHP-A | UNV |
| B232IUNVHP-N010C | UNV | |
| B232IUNVEL-A | UNV | |
| Keystone | KTEB-232-UVIS-NP | UNV |

*Requires 5 minutes of warm up time
 Instant Start Ballasts Not Recommended for use with LED SelecT8 include:
 Philips/Advance: IOP-3P32-LW-SC, IOP-2P32-LW-SC

Ballast compatibility tests are performed under a controlled lab environment. Field conditions may vary from this type of environment. Ballasts may differ by age and could have undergone revisions under the same item number affecting compatibility. Compatibility may also extend beyond this list. TCP recommends trying a few ballast-lamp combinations in an on-site test to ensure compatibility and performance before a major installation.

LED T8 Type AB Compatibility List

| Brand | Model # | Mode | Lamps | Input Voltage | Compatible |
|-----------------|------------------------|------------------|-------|---------------|------------|
| GE | GE23MAXN/ULTRA | Instant Start | 2 | 120V/277v | OK |
| | GE432MAX90-S60 | Instant Start | 4 | 120V | OK |
| | GE432MAX-N | Instant Start | 4 | 120V | OK |
| | GEC240MAX-A | Instant Start | 2 | 120V | OK |
| | GE232MVPS-N | Programmed Start | 2 | 120V/277v | OK |
| | GE232MVPS-N-V03 | Programmed Start | 2 | 120V/277v | OK** |
| | GE332MVPS-N | Programmed Start | 3 | 120V | OK |
| OSRAM | QHE 2X32 T8/UNV ISL-SC | Instant Start | 2 | 120V | OK |
| | QHE 2X32 T8/UNV ISN-SC | Instant Start | 2 | 120V/277v | OK |
| | QTP 2X32 T8/UNV ISN-SC | Instant Start | 2 | 120V | OK |
| | QTP 3X32 T8/UNV ISN-SC | Instant Start | 3 | 120V/277v | OK |
| | QTP4X32 T8/UNV ISN-SC | Instant Start | 4 | 120V/277v | OK |
| Philips/Advance | ICN-2P16-TLED-EL-N | Instant Start | 2 | 120V | OK |
| | ICN-2P32-N | Instant Start | 2 | 120V/277v | OK* |
| | ICN-3P16-TLED-N | Instant Start | 3 | 120V | OK |
| | IOPA-4P33-LW-N | Instant Start | 4 | 120V/277v | OK |
| | IOP-3PSP32-LW-SC | Programmed Start | 3 | 120V | OK |
| | IOP-2PSP32-N | Programmed Start | 2 | 120V/277v | OK |
| | IOP-3PSP32-LW-SC | Programmed Start | 3 | 120V/277v | OK |
| | IOP-3PSP32-SC | Programmed Start | 3 | 120V/277v | OK |
| | IOP-4PSP32-SC | Programmed Start | 4 | 120V/277v | OK |
| ESPEN | VE4P32MVHIPE | Instant Start | 4 | 120V/277v | OK |
| | VE2P32MVHIPE | Instant Start | 2 | 120V/277v | OK |
| | VE3P32MVHIPE | Instant Start | 3 | 120V/277v | OK |

* Slight flicker at start-up
 ** Slight flicker at turn-off

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Emergency Ballasts Compatible with LED Type A SelecT8

| Manufacturer | Model # |
|--------------|----------------------|
| BODINE | EI-S-20 |
| | EI-S-100 |
| IOTA | ILBLP CP3 - HE SD HV |

Emergency Ballasts Compatible with LED Type B SelecT8

| Manufacturer | Model # |
|--------------|----------------------|
| BODINE | EI-S-20 |
| | EI-S-100 |
| IOTA | ILBLP CP3 - HE SD HV |

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TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market - that transforms your surroundings and envelopes you in warmth - lighting that generates beauty with every flip of the switch.

Sales:

Date:

Model:

Project:

Rep:

Catalog Number:

Type:

Notes:



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325 Campus Dr. | Aurora, Ohio 44202 | P: 800.324.1496 | F: 877.487.0516