



# LED SelecT8 Color Selectable Product Specifications



## Reasons to choose the LED SelecT8 Color Selectable Tubes from TCP

- Color selectable: Choose from 3500K, 4000K, 5000K
- Over 50% energy savings compared to fluorescent alternatives
- Non-flickering
- Reduces inventory costs
- 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: 13.5W  
 Safety ..... cETLus  
 Environment..... Damp/Dry Locations  
 Enclosed..... Suitable for enclosed luminaires  
 Rated Life..... L70 50,000+ hours

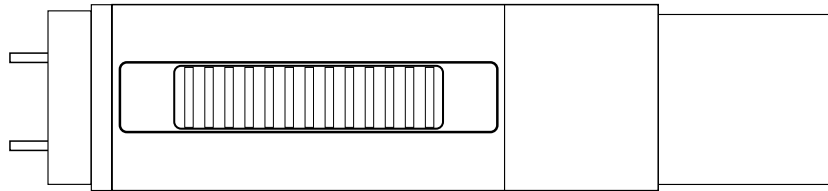
Beam Angle ..... 190°  
 Field Angle ..... 300°  
 Ballast ..... Type A: Instant Start, Type B: Bypass  
 Target Replacement Lamp..... 32W Fluorescent  
 Operating Temperature.....-20°C to 45°C  
 Dimming.....Non Dimmable  
 Glass.....Frosted Glass  
 Power factor.....> .9

## LED Select8 Color Selectable

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

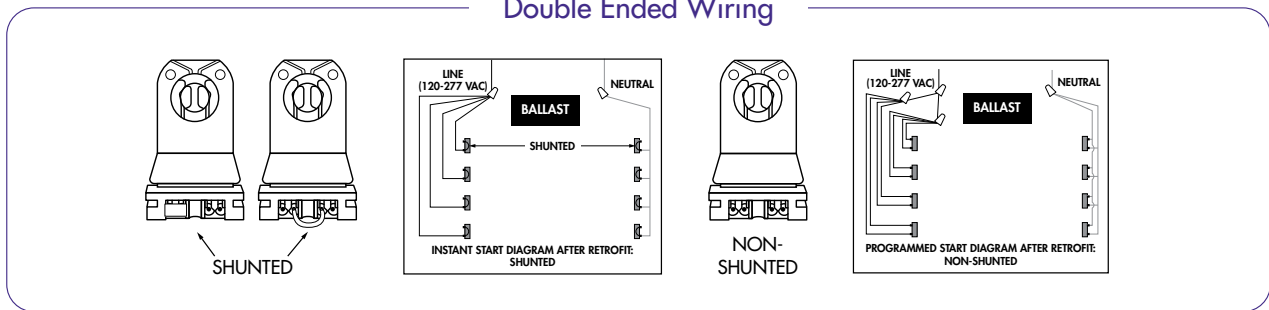
| Item#   | Description                             | DLC#        | Voltage  | LED Watts | Line Voltage Lumens          | Line Voltage LPW        | Color Temp          | CRI |
|---|---|-------------|----------|-----------|------------------------------|-------------------------|---------------------|-----|
| <b>TYPE B DOUBLE / SINGLE END WIRING 120-277V</b> |   |             |          |           |                              |                         |                     |     |
| LT813B2CCT  | LED 13.5W 4' T8 2E BYPASS 35-40-50K     | T804BD09CCT | 120-277V | 13.5      | 1800/1850/1850               | 133/137/137             | 3500K/4000K/5000K   | 80  |
| LT814B2CCT  | LED 14W 4' T8 2E BYPASS 30-35-40-50-65K | T804BD10CCT | 120-277V | 14        | 1800/1800/1900/<br>1900/1900 | 128/128/136/<br>136/136 | 30K/35K/40K/50K/65K | 80  |

### Color Selectable Switch

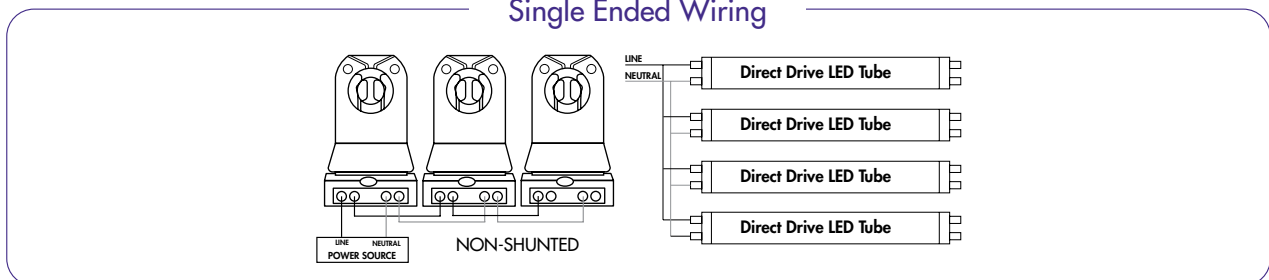


## Type B Wiring Diagrams

### Double Ended Wiring



### Single Ended Wiring



Complete instructions [tcp.com](http://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                  |
|                      | GE232MAX-347-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 |
| 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     |
|                         | B232I277RH-A       | 277     |
|                         | B232IUNVHP-N       | UNV     |
|                         | B332IUNVHP-A       | UNV     |
|                         | B432I277RH-A       | 277     |
|                         | B432I120RH-A       | UNV     |
|                         | B232I120RH-A*      | 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

### Emergency Ballasts Compatible with LED Type A Select8

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

### Emergency Ballasts Compatible with LED Type B Select8

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

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.

# 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:



For more information on the quality and care TCP can deliver, call us at **800.324.1496** or visit [tcp.com](http://tcp.com)

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