



# LED Color Selectable Tubes

## Product Specifications

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

- Color selectable: 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
- PET coated for shatter resistance

### Ideal Applications

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

### Specifications

Base Type ..... G13/G5  
Construction ..... Type A: Double ended  
..... Type B: Single/Double ended  
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/54W Fluorescent  
Operating Temperature ..... -20°C to 45°C  
Dimming ..... Non Dimmable  
PET Coated ..... Frosted Glass  
Power Factor ..... > .9

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5 YEAR  
WARRANTY

To view our DLC qualified products, please consult the DLC  
Qualified Products List at [www.designlights.org/qpl](http://www.designlights.org/qpl).

## LED SelecT8 Color Selectable

Item#	Description	DLC#	Voltage	Watts	Lumens	LPW	Color Temp	CRI	CASE QTY
<b>TYPE A 120-277V</b>									
LT815A25CCTP	4' T8 Type A 5CCT Selectable PET Coated		120-277V	15W	1800	120	30K/35K/41K/50K/65K	80	25

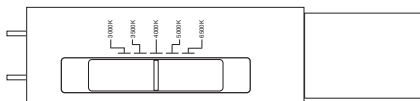
Item#	Description	DLC#	Voltage	Watts	Lumens	LPW	Color Temp	CRI	CASE QTY
<b>TYPE B DOUBLE / SINGLE ENDED WIRING 120-277V</b>									
LT815B25CCTP	4' T8 Type B 5CCT Selectable PET Coated		120-277V	15W	1800	126.7	30K/35K/41K/50K/65K	80	25
LT815HB25CCTP	4' T8 Type B High Output 5CCT Selectable PET Coated		120-277V	15W	2200	146.7	30K/35K/41K/50K/65K	80	25

Item#	Description	DLC#	Voltage	Watts	Lumens	LPW	Color Temp	CRI	CASE QTY
<b>TYPE AB 120-277V</b>									
LT815AB5CCTP	4' T8 Type AB 5CCT Selectable PET Coated		120-277V	15W	1900	126.7	30K/35K/40K/50K/65K	80	25

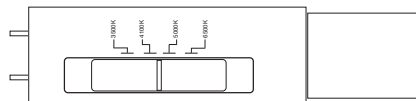
## LED SelecT5 Color Selectable

Item#	Description	DLC#	Voltage	Watts	Lumens	LPW	Color Temp	CRI	CASE QTY
<b>TYPE B DOUBLE / SINGLE ENDED WIRING 120-277V</b>									
LT524B24CCTP	4' T5 Type B 4CCT Selectable PET Coated		120-277V	24W	3200	133.3	35K/41K/50K/65K	80	30
LT524A24CCTP	4' Type A 4CCT Selectable PET Coated		120-277V	24W	3200	133.3	35K/41K/50K/65K	80	30

T8 5 Color Selectable

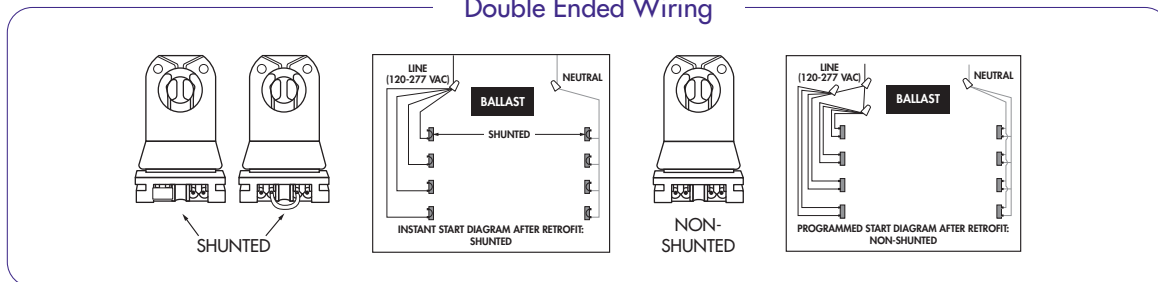


T5 4 Color Selectable

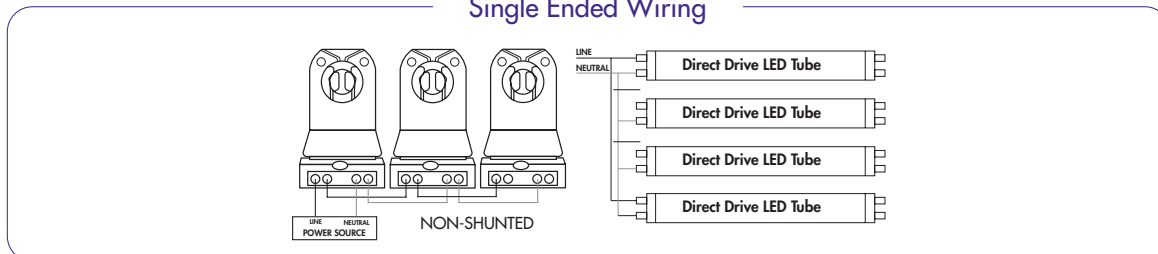


## Type B Wiring Diagrams

Double Ended Wiring



Single Ended Wiring



Complete instructions [tcp.com](http://tcp.com) / Commercial Lighting / Business Resource Center



# LED T8 Ballast Compatibility Guides

## LED T8 Compatibility List

Ballast Brand	Model No.	Start Type	Max Loading	Compatibility (Y or N or N/A)			
				1 lamp	2 lamps	3 lamps	4 lamps
PHILIPS ADVANCE	ICN-2P32-N	Instant Start	2	N	Y	N/A	N/A
PHILIPS ADVANCE	ICN-3P32-N	Instant Start	3	N	N	N	N/A
PHILIPS ADVANCE	ICN-4P32-N	Instant Start	4	N	N	N	N
PHILIPS ADVANCE	IOP-2P32-N	Instant Start	2	Y	Y	N/A	N/A
PHILIPS ADVANCE	IOP-2P32-LW-N	Instant Start	2	Y	Y	N/A	N/A
PHILIPS ADVANCE	IOP-2P32-HL-N	Instant Start	2	N	Y	N/A	N/A
PHILIPS ADVANCE	IOP-2P32HL-SC	Instant Start	2	N	N	N/A	N/A
PHILIPS ADVANCE	IOP-2PSP32-N	Programmed Start	2	N	Y	N/A	N/A
PHILIPS ADVANCE	IOP-4PSP32-SC	Programmed Start	4	N	Y	Y	Y
PHILIPS ADVANCE	IOP-4PSP32-LW-SC	Programmed Start	4	Y	Y	Y	Y
PHILIPS ADVANCE	IOPA-1P32-LW-N	Instant Start	1	Y	N/A	N/A	N/A
PHILIPS ADVANCE	IOPA-2P32-N	Instant Start	2	N	Y	N/A	N/A
PHILIPS ADVANCE	IOPA-2P32-LW-N	Instant Start	2	Y	Y	N/A	N/A
PHILIPS ADVANCE	IOPA-3P32-N	Instant Start	3	N	N	Y	N/A
PHILIPS ADVANCE	IOPA-3P32-LW-N	Instant Start	3	N	N	N	N/A
PHILIPS ADVANCE	IOPA-3P32-LW-SC	Instant Start	3	Y	Y	Y	N/A
PHILIPS ADVANCE	IOPA-4P32-N	Instant Start	4	N	N	N	Y
PHILIPS ADVANCE	IOPA-4P32-LW-N	Instant Start	4	Y	Y	N	N
PHILIPS ADVANCE	IOP-2PSP32-LW-N	Programmed Start	2	N	Y	N/A	N/A
UNIVERSAL	B232IUNVEL-N	Instant Start	2	Y	Y	N/A	N/A
UNIVERSAL	B232IUNVHP-N	Instant Start	2	Y	Y	N/A	N/A
UNIVERSAL	B232IUNVHEH-A	Instant Start	2	N	N	N/A	N/A
UNIVERSAL	B232PUNVHE-B	Programmed Start	2	Y	Y	N/A	N/A
UNIVERSAL	B332IUNVHE-A	Instant Start	3	Y	Y	Y	N/A
UNIVERSAL	B332IUNVEL-A	Instant Start	3	Y	Y	Y	N/A
UNIVERSAL	B432PUNVHE-A	Programmed Start	4	N	Y	Y	Y
UNIVERSAL	B432IUNVHE-A	Instant Start	4	N	Y	Y	Y
PLUSRITE	BAF232PS/MV	Programmed Start	2	N	N	N/A	N/A
HALCO	EP232IS/MV/HE	Instant Start	2	N	Y	N/A	N/A
HOWARD	EP2/32IS/MV/MC/HE	Instant Start	2	N	Y	N/A	N/A
HOWARD	EPL2/32IS/MV/MC/HE	Instant Start	2	Y	Y	N/A	N/A
HALCO	EP332IS/L/MV/HE	Instant Start	3	N	N	N	N/A
HOWARD	EPL3/32IS/MV/SC/HE	Instant Start	3	N	Y	Y	N/A
HOWARD	EP4/32IS/MV/MC/HE	Instant Start	4	N	Y	Y	Y
HOWARD	EPL4/32IS/MV/MC/HE	Instant Start	4	Y	Y	Y	Y
DAMAR	1688B	Instant Start	2	Y	Y	N/A	N/A
EIKO	PM-2X32T8-UNV-IS	Instant Start	2	Y	Y	N/A	N/A
EIKO	PM-3X32T8-UNV-IS-H	Instant Start	3	N	N	N	N/A
EIKO	PM-4X32T8-UNV-IS	Instant Start	4	N	N	N	N
KEYSTONE	KTEB-232-UV-IS-N-P	Instant Start	2	Y	Y	N/A	N/A
KEYSTONE	KTEB-332-UV-IS-N-P	Instant Start	3	Y	Y	Y	N/A
KEYSTONE	KTEB-432-UV-IS-N-P	Instant Start	4	N	Y	Y	Y
ESPEL	VE232MVHIPLE	Instant Start	2	Y	Y	N/A	N/A
ESPEL	VE332MVHIPLE	Instant Start	3	N	Y	Y	N/A
ESPEL	VE2P32MVHPPPE 11080	Programmed Start	2	Y	Y	N/A	N/A
OSRAMSYLVANIA	QTP 1X32T8/UNV ISN-SC	Instant Start	1	Y	N/A	N/A	N/A
OSRAMSYLVANIA	QTP 3X32T8/UNV ISN-SC	Instant Start	3	Y	Y	Y	N/A
OSRAMSYLVANIA	QTP 4X32T8/UNV ISN-SC	Instant Start	4	N	Y	Y	Y
GE	GE-132-MV-N	Instant Start	1	Y	N/A	N/A	N/A
GE	GE-132-MV-PS-L	Programmed Start	1	Y	N/A	N/A	N/A
GE	GE132MAX-G-N	Instant Start	1	Y	N/A	N/A	N/A
GE	GE132MAXP-L/ULTRA	Instant Start	1	Y	N/A	N/A	N/A
GE	GE-232-MV-N	Instant Start	2	Y	Y	N/A	N/A

Ballast Brand	Model No.	Start Type	Max Loading	Compatibility (Y or N or N/A)			
				1 lamp	2 lamps	3 lamps	4 lamps
GE	GE232-MVPS-N	Programmed Start	2	N	N	N/A	N/A
GE	GE232-MVPS-L	Programmed Start	2	Y	Y	N/A	N/A
GE	GE-232-MVPS-XL	Programmed Start	2	Y	Y	N/A	N/A
GE	GE232MAX-G-N	Instant Start	2	Y	Y	N/A	N/A
GE	GE232MAXP-L/ULTRA	Instant Start	2	Y	Y	N/A	N/A
GE	GE232MAX-G-N-DIY	Instant Start	2	Y	Y	N/A	N/A
GE	GE332MAX-G-H	Instant Start	3	N	N	N	N/A
GE	GE332MAX-G-N	Instant Start	3	Y	Y	Y	N/A
GE	GE332MAX-G-N-DIYB	Instant Start	3	Y	Y	Y	N/A
GE	GE332MAXP-N/ULTRA	Instant Start	3	Y	Y	Y	N/A
GE	GE332MAXP-H-42T	Instant Start	3	N	N	N	N/A
GE	GE-332-MVPS-XL	Programmed Start	3	Y	Y	Y	N/A
GE	GE432MAX-G-N	Instant Start	4	N	Y	Y	Y
GE	GE432MAXP-L/ULTRA	Instant Start	4	Y	Y	Y	Y
GE	GE432MAX-L/ULTRA	Instant Start	4	Y	Y	Y	Y
GE	GE432MAXPH/ULTRA	Instant Start	4	N	N	N	N
GE	GE432MAXG-N-DIYL	Instant Start	4	N	Y	Y	Y
GE	GE432MAXP-H/ULTRA	Instant Start	4	N	N	N	Y
GE	GE132-MVPS-H	Programmed Start	1	N	N/A	N/A	N/A
GE	GE232-120RES-B	Instant Start	2	N	N	N/A	N/A
TRIAD	B232IUNV-C	Instant Start	2	N	Y	N/A	N/A
SYLVANIA	QHE5 2X32T8/UNV PSL-SC	Programmed Start	2	N	N	N/A	N/A
OSRAM	QHE5 2X32T8/UNV PSN-SC	Programmed Start	2	N	N	N/A	N/A
OSRAM	QHE 4X32T8/UNV PSX-SC	Programmed Start	4	N	N	N	N
SYLVANIA	QTP 2X32T8/UNV PSX-TC	Programmed Start	2	N	N	N/A	N/A
ULTRAMAX	GE132MAXP-N/ULTRA	Instant Start	1	Y	N/A	N/A	N/A
PROLINE	GE332MV-N-DIY	Instant Start	3	Y	Y	Y	N/A
PHILIPS ADVANCE	ICN-2P32-SC	Instant Start	2	Y	Y	N/A	N/A
PHILIPS ADVANCE	ICN-4P32-SC	Instant Start	4	N	N	N	N
PHILIPS ADVANCE	IOP-4P32-LW-N	Instant Start	4	Y	Y	Y	Y
PHILIPS ADVANCE	REL-2P32-SC	Instant Start	2	N	Y	N/A	N/A
PHILIPS ADVANCE	RCN-2S32-SC	Instant Start	2	N	Y	N/A	N/A
SYLVANIA OSRAM	QHE 2X32T8/347 ISL-SC	Instant Start	2	Y	Y	N/A	N/A
SYLVANIA OSRAM	QHE 4X32T8/UNV ISL-SC	Instant Start	4	Y	Y	Y	Y
SYLVANIA OSRAM	QHE 4X32T8/UNV ISN-SC	Instant Start	4	N	Y	Y	Y
PHILIPS ADVANCE	REZ-2S32-SC	Instant Start	2	Y	Y	N/A	N/A
PHILIPS ADVANCE	REZ-3S32-SC	Dimmable Programmed Start	3	N	N	N	N/A
SYLVANIA	QTP 2X32T8/UNV DIM-TC	Dimmable Programmed Start	2	N	N	N/A	N/A
OSRAM	QHE 2X32T8/UNV DIM-TC	Dimmable Programmed Start	2	N	N	N/A	N/A
GE	GE232MVPSN-V03	Dimmable Programmed Start	2	Y	Y	N/A	N/A
GE	GE432MVPSN-V03	Dimmable Programmed Start	4	N	N	N	N
GE	GE432MAX90-V60	Instant Start	4	N	N	N	N
PHILIPS ADVANCE	I2T-2S32-SC	Dimmable Programmed Start	2	N	N	N/A	N/A
PHILIPS ADVANCE	I2T-2PSP32-SC	Dimmable Programmed Start	2	N	N	N/A	N/A
PHILIPS ADVANCE	I2T-3PSP32-SC	Dimmable Programmed Start	3	N	N	N	N/A
PHILIPS ADVANCE	I2T-4S32-SC	Dimmable Programmed Start	4	N	N	N	N
OSRAM	QHE 3X32T8/UNV DIM-TCL	Programmed Rapid Start	3	N	N	N	N/A
OSRAM	QHE 4X32T8/UNV DIM-TCL	Programmed Rapid Start	4	N	N	N	N
SYLVANIA	QTP 1X32T8/UNV DIM-TC	Dimmable Programmed Start	1	N	N/A	N/A	N/A
SYLVANIA	QTP 3X32T8/UNV DIM-TCL	Programmed Rapid Start	3	N	N	N	N/A
SYLVANIA	QTP 4X32T8/UNV DIM-TCL	Programmed Rapid Start	4	N	N	N	N
PHILIPS ADVANCE	VET-4S32-G	Dimmable Programmed Start	4	N	N	N	N

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5 YEAR WARRANTY

To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/qpl](http://www.designlights.org/qpl).



# LED Ballast Compatibility Guides

## LED T5 Compatibility List

Ballast Brand	Model No.	Start Type	Max Loading QTY	Compatibility (Y or N or N/A)							
				1 lamp		2 lamps		3 lamps		4 lamps	
				120VAC	277VAC	120VAC	277VAC	120VAC	277VAC	120VAC	277VAC
ARCATA	ACT2S54PSUNV	Instant Start	2	N		N	Y	Y	N/A	N/A	N/A
ARCATA	ACT4M54PSUNV	Instant Start	4	Y		Y	N	N	Y	Y	Y
ESPEEN	VE254MVHRP 11101	Programmed Start	2	Y		Y	Y	Y	N/A	N/A	N/A
FULHAM RACEHORSE	RHA-UNV-254-LT5	Programmed Start	2	N		N	Y	Y	N/A	N/A	N/A
FULHAM WORKHORSE	WH5-120-L ROHS	Instant Start	2	N		N/A	Y	N/A	N/A	N/A	N/A
GE	GE232MAX-G-N	Instant Start	2	Y		Y	N	N	N/A	N/A	N/A
GE	GE232MAX-G-N-DIYB	Instant Start	2	Y		Y	N	N	N/A	N/A	N/A
GE	GE254MVPS-D-1	Programmed Start	2	Y		Y	Y	Y	N/A	N/A	N/A
GE	GEC240MAX-A	Instant Start	2	Y		Y	Y	Y	N/A	N/A	N/A
GE	GEC242-MVPS-3W	Programmed Start	2	Y		Y	Y	Y	N/A	N/A	N/A
HOWARD INDUSTRIES	EP4/54HO/PRS/MV/L	Programmed Rapid Start	4	Y		Y	Y	Y	Y	Y	Y
KEYSTONE	KTEB-126-1-TP	Programmed Rapid Start	1	Y		N/A	N/A	N/A	N/A	N/A	N/A
KEYSTONE	KTEB-254HO-UV-PS-SL	Programmed Start	2	Y		Y	N	N	N/A	N/A	N/A
KEYSTONE	KTEB-454HO-UV-PS	Programmed Start	4	Y		Y	Y	Y	Y	Y	Y
LEVITON 0-10V Dimming	SD2J5-28M	Dimming Ballast	2	Y		Y	Y	Y	N/A	N/A	N/A
OSRAM SYLVANIA	QHE 2X54T5HO/UNV PSN HT	Programmed Rapid Start	2	Y		Y	Y	Y	N/A	N/A	N/A
OSRAM SYLVANIA	QTP 2x26/32/42CF/UNV DM	Programmed Rapid Start	2	N		Y	N	N	N/A	N/A	N/A
OSRAM SYLVANIA	QTP 2x26/32/42CF/UNV DM PEM	Programmed Rapid Start	2	Y		Y	Y	Y	N/A	N/A	N/A
OSRAM SYLVANIA	QTP 2x26CF/UNV DM	Programmed Rapid Start	2	Y		Y	Y	Y	N/A	N/A	N/A
OSRAM SYLVANIA	QTP 2x26CF/UNV DM PEM	Programmed Rapid Start	2	Y		Y	N	N	N/A	N/A	N/A
PHILIPS ADVANCE	ICN-2S24-T	Programmed Start	2	Y		Y	Y	Y	N/A	N/A	N/A
PHILIPS ADVANCE	ICN-2S54-90CN	Instant Start	2	Y		Y	Y	Y	N/A	N/A	N/A
PHILIPS ADVANCE	ICN-2S54-90CT	Programmed Start	2	Y		N	N/A	N/A	N/A	N/A	N/A
PHILIPS ADVANCE	ICN-2S54-N	Programmed Start	2	Y		Y	Y	Y	N/A	N/A	N/A
PHILIPS ADVANCE	ICN-2S54-T	Programmed Start	2	Y		Y	Y	Y	N/A	N/A	N/A
PHILIPS ADVANCE	ICN-4S54-90C2LS-G	Programmed Start	4	Y		Y	Y	Y	N	Y	N
Plusrite	BAF254PS/MV	Instant Start	2	N		N	Y	Y	N/A	N/A	N/A
Robertson	PSY454T5MVEL 3P20147	Programmed Start	4	N		N	Y	Y	N	N	N
STANDARD	ED2150-347BS	Programmed Start	2	N/A		N	N/A	Y	N/A	N/A	N/A
Universal AccuStart	B228PUNV-C	Instant Start	2	Y		Y	Y	Y	N/A	N/A	N/A
Universal Triad	C2642UNVME	Instant Start	2	Y		Y	N	N	N/A	N/A	N/A
Watron	DB-254HO-MV-TP-PS-SL	Programmed Start	2	tN		N	Y	Y	N/A	N/A	N/A

Ballast Brand	Model No.	Start Type	Max Loading QTY	Compatibility (Y or N or N/A)			
				1 lamp	2 lamps	3 lamps	4 lamps
				347VAC	347VAC	347VAC	347VAC
OSRAM SYLVANIA	QHE 4X54T5HO/347-480 PSN HT SCL	Programmed Rapid Start	4	Y	N	N	N
OSRAM SYLVANIA	QTP 2X54T5HO/347-480 PSN HT	Programmed Start	2	Y	Y	N/A	N/A
OSRAM SYLVANIA	QHE 2X54T5HO/347-480 PSN-HT	Programmed Rapid Start	2	Y	Y	N/A	N/A
GE	GE454PS347/480-E	Programmed Start	4	N	Y	Y	Y
GE	GE254PS347/480-F	Programmed Start	2	N	Y	N/A	N/A
STANDARD	ED2150-347BS	Programmed Start	2	N	Y	N/A	N/A
Universal Triad	C2642/347ME	Programmed Rapid Start	2	Y	N	N/A	N/A
PHILIPS ADVANCE	HCN-2S54-90C-WL	Instant Start	2	Y	Y	N/A	N/A

Y: Compatible  
N: Incompatible  
N/A: Not Applicable

When working with electronic ballast please check the compatibility list first!  
If you couldn't find your ballast on the list then bypass the fixture, or contact us please!  
Do not install the LED tube with the ballast which is not on the ballast compatibility list, risk of firing!



**5 YEAR WARRANTY**

# 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 [tcpi.com](http://tcpi.com)

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