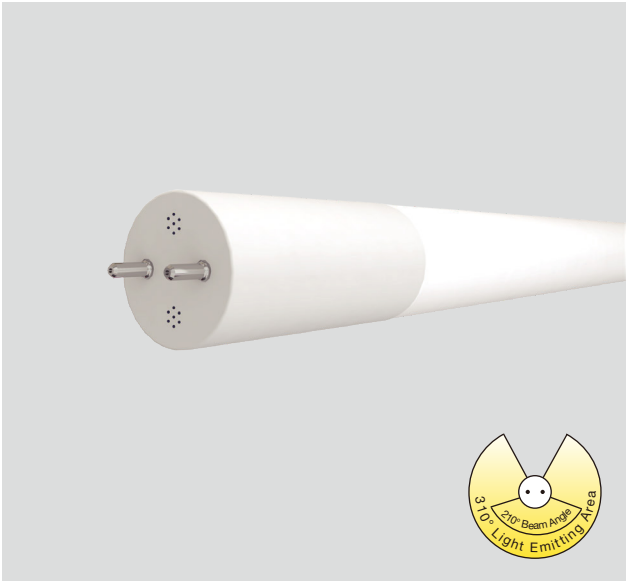


Project Name:	Type:
Part Number:	Date:

# HYBrid T8 (UL Type A+UEB)

## FEATURES

- UEB – Universal Ended Bypass: Single or Double Ended installation in Bypass mode
- Directly work with existing ballast or bypass the ballast with either single-ended or double-ended installation.
- Suitable for damp locations and totally enclosed fixtures
- Utilizes existing lamp holders – shunted or non-shunted
- Opaque glass provides glare-free, even lighting with a 310° light emitting area
- Fixture operating temperature: -4°F to 95°F (-20°C to 35°C)
- Lamp ambient temperature: -4°F to 113°F (-20°C to 45°C)
- DLC 5.1 listed Rated lifetime (L70): 60,000hrs
- 5 year limited warranty\* / 10 year available  
(see EXTENDED WARRANTIES table for information)



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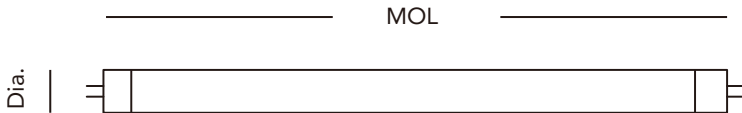
## SPECIFICATIONS

Product	Model	Equiv.	Input Voltage	Wattage	Lumens	CCT	CRI	Efficacy (LPW)	Power Factor	THD	Beam Angle	Dim.**	Fixture Rating	DLC
34979	12T8/4F/830/HYB	32W	120-277V	12	1,700	3000K	82	142	0.9	<20%	210°	Yes	Enclosed	√
34980	12T8/4F/835/HYB	32W	120-277V	12	1,700	3500K	82	142	0.9	<20%	210°	Yes	Enclosed	√
34981	12T8/4F/840/HYB	32W	120-277V	12	1,800	4000K	82	150	0.9	<20%	210°	Yes	Enclosed	√
34982	12T8/4F/850/HYB	32W	120-277V	12	1,800	5000K	82	150	0.9	<20%	210°	Yes	Enclosed	√
36869	15T8/4F/835/HYB	32W	120-277V	15	2,100	3500K	82	140	0.9	<20%	210°	Yes	Enclosed	√
34983	15T8/4F/840/HYB	32W	120-277V	15	2,200	4000K	82	147	0.9	<20%	210°	Yes	Enclosed	√
34984	15T8/4F/850/HYB	32W	120-277V	15	2,200	5000K	82	147	0.9	<20%	210°	Yes	Enclosed	√

\* Please visit [www.greencreative.com](http://www.greencreative.com) for Limited Warranty terms.

\*\* Please refer to [www.greencreative.com](http://www.greencreative.com) for complete ballast / dimmer compatibility list.

## DIMENSION & WEIGHT



Model	12T8/4F/xxx/HYB 15T8/4F/xxx/HYB
Base	G13
MOL	47-3/4"
Dia.	1.0"
Weight	1.1lb

Where xxx means 824-965 which indicates CRI and color temperature



# HYBrid T8 (UL Type A+UEB)

## BALLAST PERFORMANCE

Model	Ballast Factor	Bare Lamp Wattage	System Wattage	3000K Lumens	3500K Lumens	4000K Lumens	5000K Lumens
12T8/4F/xxx/HYB	Low Ballast Factor (0.88)	12	15	1,700	1,700	1,800	1,800
	Normal Ballast Factor (1.0)	12	15	1,700	1,700	1,800	1,800
	High Ballast Factor (1.18)	12	15	1,700	1,700	1,800	1,800
15T8/4F/xxx/HYB	Low Ballast Factor (0.88)	15	18	-	-	2,200	2,200
	Normal Ballast Factor (1.0)	15	18	-	-	2,200	2,200
	High Ballast Factor (1.18)	15	18	-	-	2,200	2,200

## INSTALLATION - BYPASS (UL Type B) SINGLE ENDED WIRING DIAGRAM

Diagram A - Non-Shunted

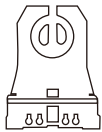
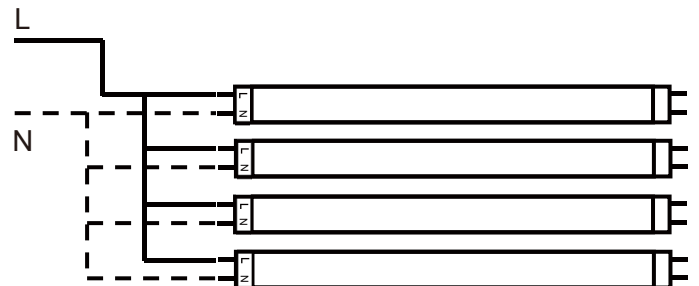
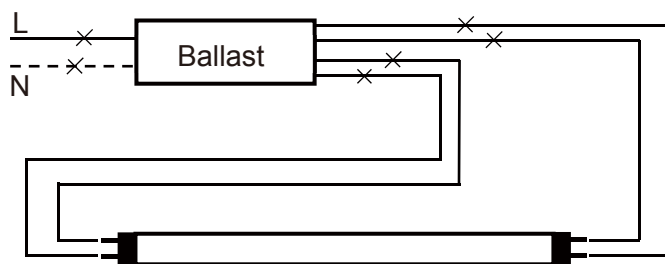
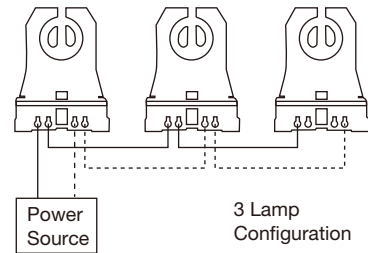
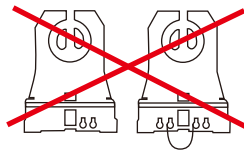


Diagram B - Shunted



Step 1. Cut all wires connected to the existing ballast, remove the ballast.

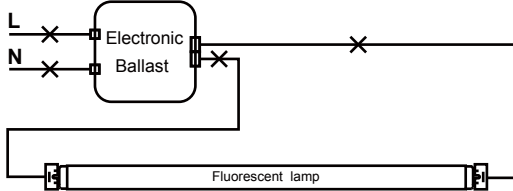
Step 2. Wire a line and neutral wire to the socket as shown in the above wiring diagram. If shunted sockets are present use the Double Ended wiring diagram below.



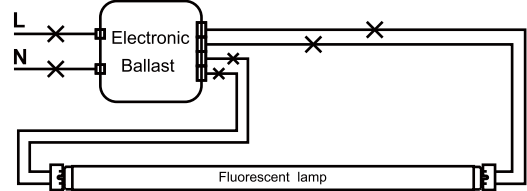
# HYBrid T8 (UL Type A+UEB)

## INSTALLATION - BYPASS (UL Type B) DOUBLE ENDED WIRING DIAGRAM

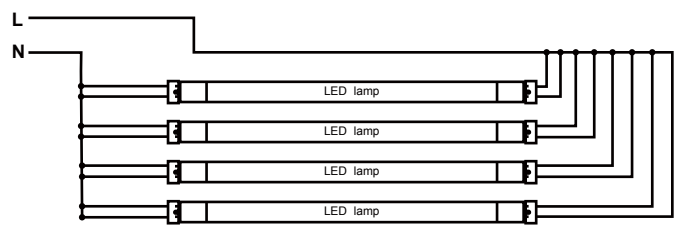
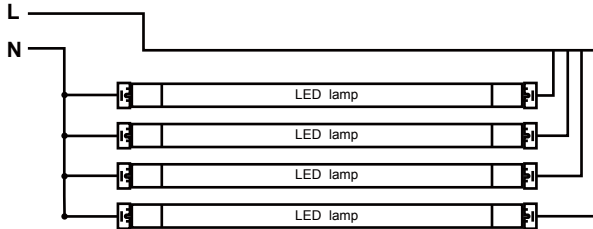
Instant Start (Shunted Socket) Configuration



Programmed Start or Rapid Start (Non-shunted socket) Configuration



Step 1. Cut all wires connected to the existing ballast, remove the ballast.



Step 2. Connect the lamps according to the above wiring diagram

### EXTENDED WARRANTIES\*\*\*

Model	Description****
12T8/4F/HYB/10YEARWARRANTY	10 Year warranty for 12T8/4F/xxx/HYB/yy
15T8/4F/HYB/10YEARWARRANTY	10 Year warranty for 15T8/4F/xxx/HYB/yy

\*\*\* Warranty based on a maximum of 4,368 annual operating hours (per year for ten years) and exposure to a maximum fixture operating temperature of 80°F / 27°C.  
\*\*\*\* xx - Refers to the CCT yy - Refers to model generations within the same nominal performance. Typically blank, 'R', or 'RC'

### CERTIFICATION INFORMATION

Product	Model	DLC ID#
34979	12T8/4F/830/HYB	PLJ3RHNLSGUB
34980	12T8/4F/835/HYB	PLVNTB0PIDDG
34981	12T8/4F/840/HYB	PLZ0VJSMIVZT
34982	12T8/4F/850/HYB	PLH8VQTTTP495
36869	15T8/4F/835/HYB	PLN75UXS5R38
34983	15T8/4F/840/HYB	PLQI3NWR0JSV
34984	15T8/4F/850/HYB	PLTBNATX18LL

### ORDERING INFORMATION

Model	Master Carton			Shipping Carton		
	Case Qty	Case Dimensions (LxWxH)	Case Weight	Case Qty	Case Dimensions (LxWxH)	Case Weight
12T8/4F/xxx/HYB	NA	NA	NA	25PCS	49-1/4" x 5-15/16" x 5-15/16"	14.1lb
15T8/4F/xxx/HYB	NA	NA	NA	25PCS	49-1/4" x 5-15/16" x 5-15/16"	14.1lb

Where xxx means 824-965 which indicates CRI and color temperature  
Note: All rights reserved. All sizes and specifications are subject to change at any time without notice.