Project Name:	Type:
Part Number:	Date:

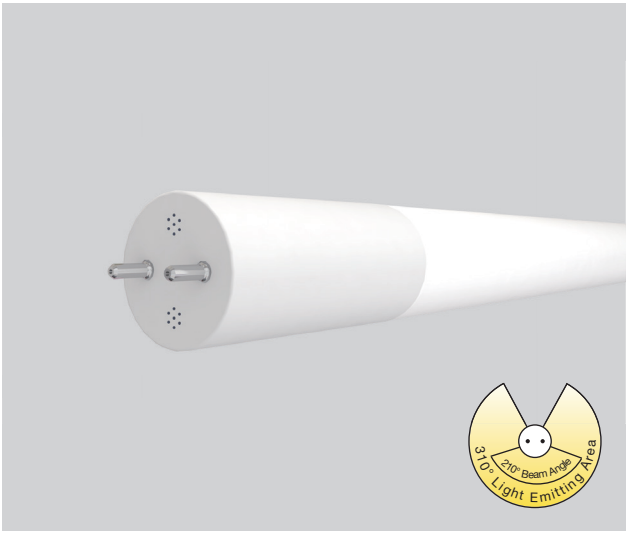
GREENCREATIVE

HYBrid T8 (UL Type A+B)

031221

FEATURES

- Suitable for use with 120-277V power or with existing ballasts*
- Suitable for damp locations and totally enclosed fixtures
- Utilizes existing lamp holders – shunted or non-shunted
- Rated lifetime (L70): 50,000hrs
- 5 year limited warranty
- 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)
- Opaque glass provides glare free, even lighting with a 310° light emitting area
- Meets NSF requirements (use of a shatter guard required)

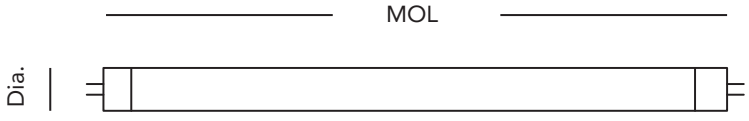


SPECIFICATIONS

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°	No	Enclosed	√
34980	12T8/4F/835/HYB	32W	120-277V	12	1,700	3500K	82	142	0.9	<20%	210°	No	Enclosed	N.A.
34981	12T8/4F/840/HYB	32W	120-277V	12	1,800	4000K	82	150	0.9	<20%	210°	No	Enclosed	√
34982	12T8/4F/850/HYB	32W	120-277V	12	1,800	5000K	82	150	0.9	<20%	210°	No	Enclosed	√
34983	15T8/4F/840/HYB	32W	120-277V	15	2,200	4000K	82	147	0.9	<20%	210°	No	Enclosed	√
34984	15T8/4F/850/HYB	32W	120-277V	15	2,200	5000K	82	147	0.9	<20%	210°	No	Enclosed	√

* This lamp may not work with all instant start ballasts. For detailed ballast compatibility information please visit www.greencreative.com.

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+B)

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

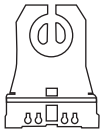
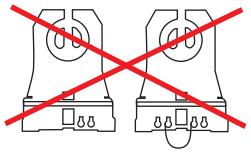
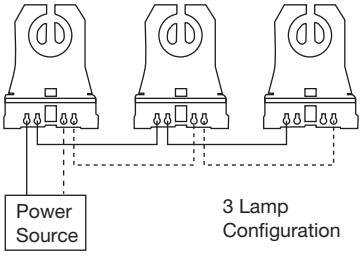
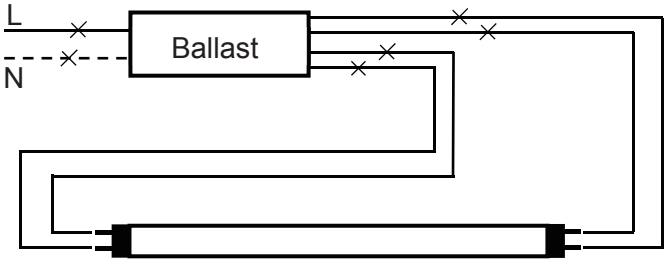
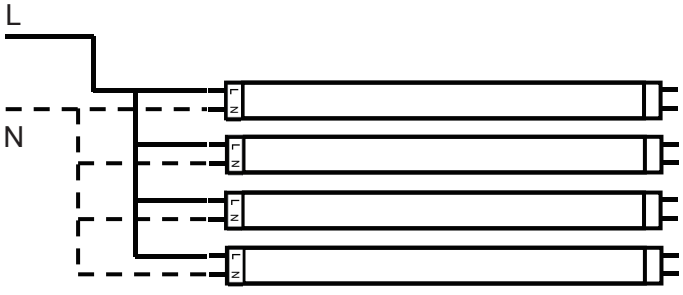


Diagram B – Shunted









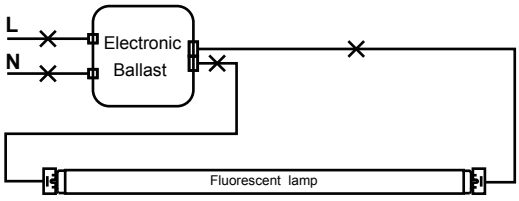
Step 1. Cut all wires connected to the existing ballast, remove the ballast.

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.

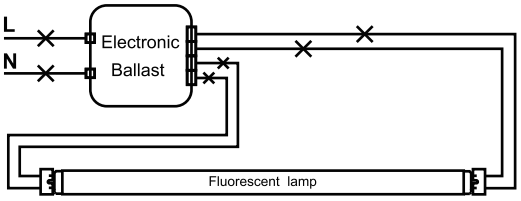
HYBrid T8 (UL Type A+B)

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

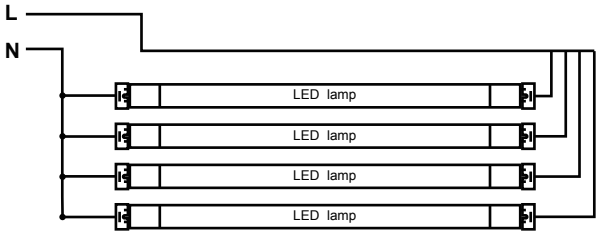
Instant Start (Shunted Socket) Configuration

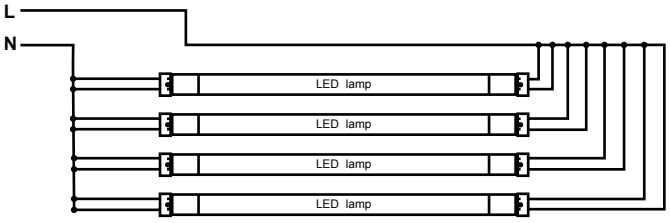


Programmed Start or Rapid Start (Non-shunted socket) Configuration



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





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