

T5 13.5W HE 4FT. EXT

TITANIUM LED SERIES



PRO



EXTERNAL DRIVER

13.5W REPLACES



28W
Fluo.

60% Energy Savings

- Compatible with GREEN CREATIVE external drivers only
- Suitable for use with shunted & non-shunted lamp holders
- Exceptional efficacy 148 LPW
- Suitable for use in totally enclosed fixtures
- Durable plastic construction - Meets NSF requirements
- 0-10V dimming



50,000 H



DIMMABLE



UNIVERSAL



WARRANTY



CRI (Ra)



ENCLOSED



TUBE FEATURES

External Driver - 1-2 & 3-4 Lamp Versions



These lamps are designed for use with GREEN CREATIVE external drivers only. These 0-10V dimmable drivers are available in 1-2 lamp and 3-4 lamp versions and are compatible with GREEN CREATIVE T5 4', 3' and 2' EXT lamps.

Suitable for All T5 Application



T5 13.5W HE 4FT. EXT

TITANIUM LED SERIES



SPECIFICATIONS

Product Model	98312 13.5T5HE/4F/830/EXT	98313 13.5T5HE/4F/835/EXT	98314 13.5T5HE/4F/840/EXT
Type	T5	T5	T5
Base	Mini Bi-Pin G5	Mini Bi-Pin G5	Mini Bi-Pin G5
Lamp Power (W)	13.5	13.5	13.5
System Power (W)	15	15	15
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Warm White 3000K	Neutral White 3500K	Cool White 4000K
CRI (Ra)	82	82	82
Typical lumens (lm)	1800	1850	2000
Efficacy (LPW)	133	137	148
System Efficacy (LPW)	120	123	133
Light Emitting Area	270°	270°	270°
Beam Angle	120°	120°	120°
Dimmable	Yes	Yes	Yes
Power Factor	0.9	0.9	0.9
THD	<20%	<20%	<20%
Rated Lifetime - L70 (hrs.)	50,000	50,000	50,000
Temperature Rating	-4°F / -20°C - 95°F / 35°C	-4°F / -20°C - 95°F / 35°C	-4°F / -20°C - 95°F / 35°C
Dia. x MOL	0.67" x 46" (17 x 1168mm)	0.67" x 46" (17 x 1168mm)	0.67" x 46" (17 x 1168mm)
Weight (lb. / g)	0.33lb. / 150g	0.33lb. / 150g	0.33lb. / 150g

EXTERNAL DRIVER SPECIFICATIONS

Product Model	98259 15T8T5HEDRIVER/2CH	98260 15T8T5HEDRIVER/4CH
Number of lamps	1-2	3-4
Input Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz
Max. Input Current (A)	0.31	0.64
Max. Input Power (W)	37	75
Output Voltage (V)	DC 30-50	DC 30-50
Output Current (A)	0.3 * 2	0.3 * 4
Dimmability	0-10V	0-10V
Temperature Rating	-4°F / -20°C - 95°F / 35°C	-4°F / -20°C - 95°F / 35°C
Max Case Temperature	185°F / 85°C	185°F / 85°C
Case Dimension (LxWxH)	9.5"x1.3"x1.2" (241x33x30mm)	9.5"x1.3"x1.2" (241x33x30mm)

T5 13.5W HE 4FT. EXT TITANIUM LED SERIES

EXTERNAL DRIVER & LED TUBE COMBINATION

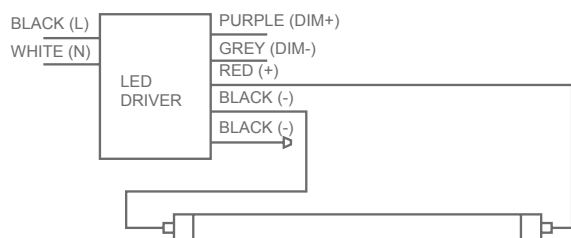
			98259				98260			
			15T8T5HEDRIVER/2CH				15T8T5HEDRIVER/4CH			
			1 Lamp		2 Lamps		3 Lamps		4 Lamps	
Product	Model	Color Temp. (ANSI)	System Power (W)	Typical Lumens (lm)	System Power (W)	Typical Lumens (lm)	System Power (W)	Typical Lumens (lm)	System Power (W)	Typical Lumens (lm)
98312	13.5T5HE/4F/830/EXT	3000K	15	1800	30	3600	45	5400	60	7200
98313	13.5T5HE/4F/835/EXT	3500K	15	1850	30	3700	45	5550	60	7400
98314	13.5T5HE/4F/840/EXT	4000K	15	2000	30	4000	45	6000	60	8000

EXTERNAL DRIVER INSTALLATION

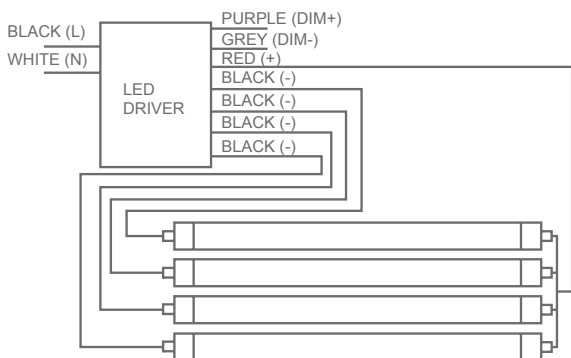
Double-ended Installation

- For shunted & non-shunted lamp holders
- Not polarity sensitive, lamps can be wired at either end

1 Lamp



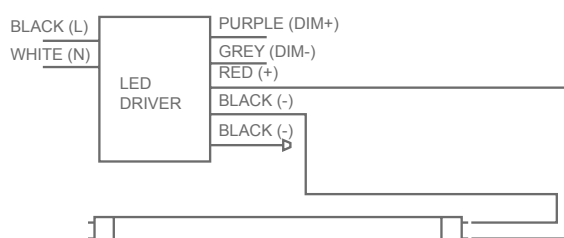
4 Lamps



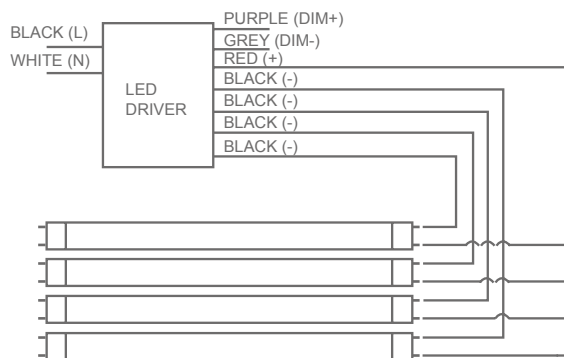
Single-ended Installation

- For non-shunted lamp holders only
- Not polarity sensitive, lamps can be wired at either end

1 Lamp



4 Lamps



* Suitable for use in totally enclosed fixtures

** Suitable for damp locations. Not for use where directly exposed to the weather or water

*** Full installation guide and more details available on website