

|               |       |
|---------------|-------|
| Project Name: | Type: |
| Part Number:  | Date: |

# DIRECT T5

## FEATURES

- Plug & Play – Easy to install
- Compatible with a wide range of ballasts including 0-10v dimmable models\*
- Exceptional high efficacy up to 152 LPW
- Opaque plastic lens reduces glare
- 270° extra wide light emitting area
- Suitable for enclosed luminaires and damp locations
- Plastic and aluminum design meets NSF requirements and eliminates breakage
- 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)
- Rated lifetime (L70): 60,000hrs
- 5 year limited warranty\*\* / 10 year available  
(see EXTENDED WARRANTIES table for information)
- Suitable for all indoor general lighting application



051921

## SPECIFICATIONS

| Product | Model               | Equiv. | Input Voltage | Wattage | Lumens | CCT   | CRI | Efficacy (LPW) | Power Factor | THD  | Beam Angle | Dim.* | Fixture Rating | DLC  |
|---------|---------------------|--------|---------------|---------|--------|-------|-----|----------------|--------------|------|------------|-------|----------------|------|
| 57958   | 8T5HE/2F/830/DIR    | 14W    | 120-277V      | 8       | 950    | 3000K | 82  | 119            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 57959   | 8T5HE/2F/835/DIR    | 14W    | 120-277V      | 8       | 950    | 3500K | 82  | 119            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 57960   | 8T5HE/2F/840/DIR    | 14W    | 120-277V      | 8       | 1,100  | 4000K | 82  | 138            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 35669   | 8T5HE/2F/850/DIR    | 14W    | 120-277V      | 8       | 1,100  | 5000K | 82  | 138            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 57954   | 12T5HE/3F/830/DIR   | 21W    | 120-277V      | 12      | 1,420  | 3000K | 82  | 118            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 57955   | 12T5HE/3F/835/DIR   | 21W    | 120-277V      | 12      | 1,420  | 3500K | 82  | 118            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 57956   | 12T5HE/3F/840/DIR   | 21W    | 120-277V      | 12      | 1,550  | 4000K | 82  | 125            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 97929   | 15T5HE/4F/830/DIR/R | 28W    | 120-277V      | 15      | 2,200  | 3000K | 82  | 147            | 0.9          | <20% | 120°       | Yes   | Enclosed       | ✓    |
| 97930   | 15T5HE/4F/835/DIR/R | 28W    | 120-277V      | 15      | 2,200  | 3500K | 82  | 147            | 0.9          | <20% | 120°       | Yes   | Enclosed       | ✓    |
| 97931   | 15T5HE/4F/840/DIR/R | 28W    | 120-277V      | 15      | 2,250  | 4000K | 82  | 150            | 0.9          | <20% | 120°       | Yes   | Enclosed       | ✓    |
| 98165   | 10.5T5HO/2F/830/DIR | 24W    | 120-277V      | 10.5    | 1,500  | 3000K | 82  | 143            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 98166   | 10.5T5HO/2F/835/DIR | 24W    | 120-277V      | 10.5    | 1,500  | 3500K | 82  | 143            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 98167   | 10.5T5HO/2F/840/DIR | 24W    | 120-277V      | 10.5    | 1,600  | 4000K | 82  | 152            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 35667   | 10.5T5HO/2F/850/DIR | 24W    | 120-277V      | 10.5    | 1,600  | 5000K | 82  | 152            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 98168   | 14.5T5HO/3F/830/DIR | 39W    | 120-277V      | 14.5    | 2,050  | 3000K | 82  | 142            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 98169   | 14.5T5HO/3F/835/DIR | 39W    | 120-277V      | 14.5    | 2,050  | 3500K | 82  | 142            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 98170   | 14.5T5HO/3F/840/DIR | 39W    | 120-277V      | 14.5    | 2,200  | 4000K | 82  | 152            | 0.9          | <20% | 120°       | Yes   | Enclosed       | N.A. |
| 97924   | 24T5HO/4F/830/DIR/R | 54W    | 120-277V      | 24      | 3,450  | 3000K | 82  | 144            | 0.9          | <20% | 120°       | Yes   | Enclosed       | ✓    |
| 97925   | 24T5HO/4F/835/DIR/R | 54W    | 120-277V      | 24      | 3,450  | 3500K | 82  | 144            | 0.9          | <20% | 120°       | Yes   | Enclosed       | ✓    |
| 97926   | 24T5HO/4F/840/DIR/R | 54W    | 120-277V      | 24      | 3,500  | 4000K | 82  | 146            | 0.9          | <20% | 120°       | Yes   | Enclosed       | ✓    |
| 97927   | 24T5HO/4F/850/DIR/R | 54W    | 120-277V      | 24      | 3,500  | 5000K | 82  | 146            | 0.9          | <20% | 120°       | Yes   | Enclosed       | ✓    |

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

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

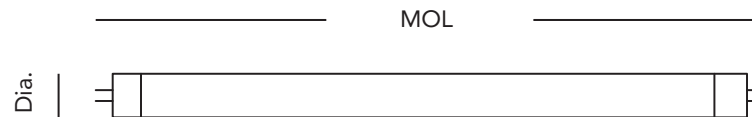
# DIRECT T5

## BALLAST PERFORMANCE

| Model               | Bare Lamp Wattage (W) | System Wattage (W) | 3000K Lumens | 3500K Lumens | 4000K Lumens | 5000K Lumens |
|---------------------|-----------------------|--------------------|--------------|--------------|--------------|--------------|
| 8T5HE/2F/xxx/DIR    | 8                     | 10                 | 950          | 950          | 1,100        | 1,100        |
| 12T5HE/3F/xxx/DIR   | 12                    | 15                 | 1,420        | 1,420        | 1,550        | -            |
| 15T5HE/4F/xxx/DIR/R | 15                    | 18                 | 2,200        | 2,200        | 2,250        | -            |
| 10.5T5HO/2F/xxx/DIR | 10.5                  | 14                 | 1,500        | 1,500        | 1,600        | 1,600        |
| 14.5T5HO/3F/xxx/DIR | 14.5                  | 18                 | 2,050        | 2,050        | 2,200        | -            |
| 24T5HO/4F/xxx/DIR/R | 24                    | 29                 | 3,450        | 3,450        | 3,500        | 3,500        |

Testing Method: Above system power is half the total system power of a 2-tube installation using an Instant Start ballast. Power and lumen output will vary based on ballast and fixture type.  
Above data is indicative only

## DIMENSION & WEIGHT



| Model  | 8T5HE/2F/xxx/DIR | 12T5HE/3F/xxx/DIR | 15T5HE/4F/xxx/DIR/R | 10.5T5HO/2F/xxx/DIR | 14.5T5HO/3F/xxx/DIR | 24T5HO/4F/xxx/DIR/R |
|--------|------------------|-------------------|---------------------|---------------------|---------------------|---------------------|
| Base   | G5               | G5                | G5                  | G5                  | G5                  | G5                  |
| MOL    | 22-11/6"         | 33-31/32"         | 45-3/4"             | 22-1/8"             | 33-15/16"           | 45-3/4"             |
| Dia.   | 11/16"           | 11/16"            | 11/16"              | 11/16"              | 11/16"              | 11/16"              |
| Weight | 0.17lb.          | 0.27lb.           | 0.42lb.             | 0.18lb              | 0.26lb.             | 0.42lb.             |

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

## ORDERING INFORMATION

| Product Series      | Master Carton |                             |             | Shipping Carton |                                |             |
|---------------------|---------------|-----------------------------|-------------|-----------------|--------------------------------|-------------|
|                     | Case Qty      | Case Dimensions (LxWxH)     | Case Weight | Case Qty        | Case Dimensions (LxWxH)        | Case Weight |
| 8T5HE/2F/8xx/DIR    | 6PCS          | 22-15/16" x 2-1/2" x 1-3/4" | 1.51lb      | 24PCS           | 25-3/16" x 5-13/16" x 4-13/16" | 6.53 lb     |
| 12T5HE/3F/8xx/DIR   | 6PCS          | 34-13/16" x 2-1/2" x 1-3/4" | 2.26 lb     | 24PCS           | 37-1/8" x 5-13/16" x 4-13/16"  | 9.74 lb     |
| 15T5HE/4F/8xx/DIR/R | 6PCS          | 46-5/8" x 2-1/2" x 1-3/4"   | 2.99 lb     | 24PCS           | 47-1/16" x 5-13/16" x 4-13/16" | 12.86 lb    |
| 10.5T5HO/2F/8xx/DIR | 6PCS          | 22-15/16" x 2-1/2" x 1-3/4" | 1.48 lb     | 24PCS           | 25-3/16" x 5-13/16" x 4-13/16" | 6.43 lb     |
| 14.5T5HO/3F/8xx/DIR | 6PCS          | 34-13/16" x 2-1/2" x 1-3/4" | 2.24 lb     | 24PCS           | 37-1/8" x 5-13/16" x 4-13/16"  | 9.65 lb     |
| 24T5HO/4F/8xx/DIR/R | 6PCS          | 46-5/8" x 2-1/2" x 1-3/4"   | 2.99 lb     | 24PCS           | 47-1/16" x 5-13/16" x 4-13/16" | 12.86 lb    |



# DIRECT T5

## CERTIFICATION INFORMATION

| Product | Model               | DLC ID#  |
|---------|---------------------|----------|
| 97929   | 15T5HE/4F/830/DIR/R | PB48J6K3 |
| 97930   | 15T5HE/4F/835/DIR/R | P925XSEC |
| 97931   | 15T5HE/4F/840/DIR/R | PZXBEQ4S |
| 97924   | 24T5HO/4F/830/DIR/R | P1QBZSCH |
| 97925   | 24T5HO/4F/835/DIR/R | PTMQBB5E |
| 97926   | 24T5HO/4F/840/DIR/R | PVDSTDK2 |
| 97927   | 24T5HO/4F/850/DIR/R | P54SW12S |

## EXTENDED WARRANTIES\*\*\*

| Model                          | Description****                             |
|--------------------------------|---------------------------------------------|
| 8T5HE/2F/DIR/10YEARWARRANTY    | 10 Year warranty for 8T5HE/2F/8xx/DIR/yy    |
| 12T5HE/3F/DIR/10YEARWARRANTY   | 10 Year warranty for 12T5HE/3F/8xx/DIR/yy   |
| 15T5HE/4F/DIR/10YEARWARRANTY   | 10 Year warranty for 15T5HE/4F/8xx/DIR/yy   |
| 10.5T5HO/2F/DIR/10YEARWARRANTY | 10 Year warranty for 10.5T5HO/2F/8xx/DIR/yy |
| 14.5T5HO/3F/DIR/10YEARWARRANTY | 10 Year warranty for 14.5T5HO/3F/8xx/DIR/yy |
| 24T5HO/4F/DIR/10YEARWARRANTY   | 10 Year warranty for 24T5HO/4F/8xx/DIR/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'

Note: All rights reserved. All sizes and specifications are subject to change at any time without notice.