

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

T8 DIRECT (UL Type A)

FEATURES

- Plug & Play – Easy to install
- Compatible with Instant Start / Program Start ballasts*
- Compatible with 0-10V dimming ballasts*
- Replaces 2' / 3' / 4' / U-BENT T8 fluorescent lamp
- Exceptional efficacy up to 189 LPW
- 310° wide light emitting area
- Suitable for enclosed fixtures
- 11T8/4F/8xx/DIR/C models include film coating to protect exposed area and equipment from glass fragments should the lamp break
- NSF (National Sanitation Foundation) certified for Food Zone (Non-Contact), Splash, and Non-Food Zones
- 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 applications and damp locations



041024



SPECIFICATIONS

| Product | Model | Equiv. | Input Voltage | Wattage | Lumens | CCT | CRI | Efficacy (LPW) | Power Factor | THD | Beam Angle | Dim.* | Film Coated | Fixture Rating | DLC / NSF |
|---------|---------------------|--------|---------------|---------|--------|-------|-----|----------------|--------------|------|------------|-------|-------------|----------------|-----------|
| 36561 | 8T8/2F/830/DIR/RD | 17W | 120-277V | 8 | 1,250 | 3000K | 82 | 156 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36562 | 8T8/2F/835/DIR/RD | 17W | 120-277V | 8 | 1,250 | 3500K | 82 | 156 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36563 | 8T8/2F/840/DIR/RD | 17W | 120-277V | 8 | 1,250 | 4000K | 82 | 156 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36770 | 9.5T8/4F/830/HE/DIR | 32W | 120-277V | 9.5 | 1,800 | 3000K | 82 | 189 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36772 | 9.5T8/4F/840/HE/DIR | 32W | 120-277V | 9.5 | 1,800 | 4000K | 82 | 189 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36773 | 9.5T8/4F/850/HE/DIR | 32W | 120-277V | 9.5 | 1,800 | 5000K | 82 | 189 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36565 | 10T8/3F/830/DIR | 25W | 120-277V | 10 | 1,450 | 3000K | 82 | 145 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36566 | 10T8/3F/835/DIR | 25W | 120-277V | 10 | 1,450 | 3500K | 82 | 145 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36567 | 10T8/3F/840/DIR | 25W | 120-277V | 10 | 1,450 | 4000K | 82 | 145 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36568 | 11T8/4F/830/DIR | 32W | 120-277V | 11 | 1,800 | 3000K | 82 | 164 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36569 | 11T8/4F/835/DIR | 32W | 120-277V | 11 | 1,800 | 3500K | 82 | 164 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36570 | 11T8/4F/840/DIR | 32W | 120-277V | 11 | 1,800 | 4000K | 82 | 164 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36571 | 11T8/4F/850/DIR | 32W | 120-277V | 11 | 1,800 | 5000K | 82 | 164 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36579 | 11T8/4F/830/DIR/C | 32W | 120-277V | 11 | 1,800 | 3000K | 82 | 164 | 0.9 | <20% | 220° | Yes | Yes | Enclosed | √ / √ |
| 36580 | 11T8/4F/835/DIR/C | 32W | 120-277V | 11 | 1,800 | 3500K | 82 | 164 | 0.9 | <20% | 220° | Yes | Yes | Enclosed | √ / √ |
| 36581 | 11T8/4F/840/DIR/C | 32W | 120-277V | 11 | 1,800 | 4000K | 82 | 164 | 0.9 | <20% | 220° | Yes | Yes | Enclosed | √ / √ |
| 36582 | 11T8/4F/850/DIR/C | 32W | 120-277V | 11 | 1,800 | 5000K | 82 | 164 | 0.9 | <20% | 220° | Yes | Yes | Enclosed | √ / √ |
| 36572 | 14T8/4F/835/DIR | 32W | 120-277V | 14 | 2,200 | 3500K | 82 | 157 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36573 | 14T8/4F/840/DIR | 32W | 120-277V | 14 | 2,200 | 4000K | 82 | 157 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36574 | 14T8/4F/850/DIR | 32W | 120-277V | 14 | 2,200 | 5000K | 82 | 157 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36575 | 15T8U6/830/DIR | 32W | 120-277V | 15 | 2,100 | 3000K | 82 | 140 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36577 | 15T8U6/840/DIR | 32W | 120-277V | 15 | 2,200 | 4000K | 82 | 147 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |
| 36578 | 15T8U6/850/DIR | 32W | 120-277V | 15 | 2,200 | 5000K | 82 | 147 | 0.9 | <20% | 220° | Yes | No | Enclosed | √ / √ |

* Please refer to www.greencreative.com for complete ballast / dimmer compatibility list

** Please visit www.greencreative.com for Limited Warranty terms.



T8 DIRECT (UL Type A)

BALLAST PERFORMANCE

| Model | Ballast Factor | Lamp wattage without ballast | Lamp wattage with ballast | 3000K Lumens | 3500K Lumens | 4000K Lumens | 5000K Lumens |
|--------------------------------------|------------------------------|------------------------------|---------------------------|--------------|--------------|--------------|--------------|
| 8T8/2F/xxx/DIR/RD | Low ballast Factor (0.78) | 8 | 9 | 1,150 | 1,150 | 1,150 | 1,150 |
| | Normal ballast Factor (0.88) | 8 | 10 | 1,250 | 1,250 | 1,250 | 1,250 |
| | High ballast Factor (1.18) | 8 | 15.5 | 1,750 | 1,750 | 1,750 | 1,750 |
| 9.5T8/4F/xxx/HE/DIR | Low Ballast Factor (0.78) | 9.5 | 11.5 | 1,500 | 1,500 | 1,500 | 1,500 |
| | Normal Ballast Factor (0.88) | 9.5 | 12 | 1,800 | 1,800 | 1,800 | 1,800 |
| | High Ballast Factor (1.18) | 9.5 | 17.5 | 2,500 | 2,500 | 2,500 | 2,500 |
| 10T8/3F/xxx/DIR | Low ballast Factor (0.78) | 10 | 10 | 1,300 | 1,300 | 1,300 | N.A. |
| | Normal ballast Factor (0.88) | 10 | 11.5 | 1,450 | 1,450 | 1,450 | N.A. |
| | High ballast Factor (1.18) | 10 | 17.5 | 2,100 | 2,100 | 2,100 | N.A. |
| 11T8/4F/xxx/DIR 11T8/4F/xxx/DIR/C | Low ballast Factor (0.78) | 11 | 12 | 1,570 | 1,570 | 1,570 | 1,570 |
| | Normal ballast Factor (0.88) | 11 | 13 | 1,800 | 1,800 | 1,800 | 1,800 |
| | High ballast Factor (1.18) | 11 | 21 | 2,500 | 2,500 | 2,500 | 2,500 |
| 14T8/4F/xxx/DIR | Low ballast Factor (0.78) | 14 | 14 | N.A. | 1,920 | 1,920 | 1,920 |
| | Normal ballast Factor (0.88) | 14 | 16 | N.A. | 2,200 | 2,200 | 2,200 |
| | High ballast Factor (1.18) | 14 | 25 | N.A. | 3,000 | 3,000 | 3,000 |
| 15T8U6/xxx/DIR | Low ballast Factor (0.78) | 15 | 15 | 2,000 | 2,000 | 2,000 | 2,000 |
| | Normal ballast Factor (0.88) | 15 | 17.5 | 2,100 | 2,100 | 2,100 | 2,100 |
| | High ballast Factor (1.18) | 15 | 26 | 3,100 | 3,100 | 3,100 | 3,100 |

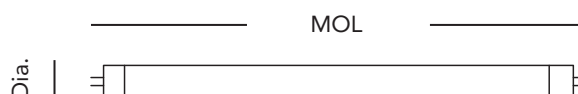
Note:

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

2. Test Method: Above system wattage is half the total system wattage of a 2-lamp installation using an instant start ballast. Wattage and lumen output will vary based on ballast and fixture type.

Above data is indicative only.

DIMENSION & WEIGHT



| Model | 8T8/2F/xxx/DIR/RD | 10T8/3F/xxx/DIR | 9.5T8/4F/xxx/HE/DIR 11T8/4F/xxx/DIR 14T8/4F/xxx/DIR | 11T8/4F/xxx/DIR/C | 15T8U6/xxx/DIR |
|--------|-------------------|-----------------|---|-------------------|----------------|
| Base | G13 | G13 | G13 | G13 | G13 |
| MOL | 23-3/4" | 35-3/4" | 47-3/4" | 47-3/4" | 22-9/16" |
| Dia. | 1-1/8" | 1-1/8" | 1-1/8" | 1-1/8" | 7-1/16" |
| Weight | 0.22 lb | 0.33 lb | 0.43lb | 0.44lb | 0.50lb |

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

ORDERING INFORMATION

| Model | Shipping Carton | | |
|---------------------|-----------------|-----------------------------|-------------|
| | Case Qty | Case Dimensions (LxWxH) | Case Weight |
| 8T8/2F/xxx/DIR/RD | 25PCS | 25" x 5-7/8" x 5-7/8" | 6.86lb |
| 10T8/3F/xxx/DIR | 25PCS | 37" x 5-7/8" x 5-7/8" | 9.89lb |
| 9.5T8/4F/xxx/HE/DIR | 25PCS | 48-13/16" x 5-7/8" x 5-7/8" | 12.92lb |
| 11T8/4F/xxx/DIR | 25PCS | 48-13/16" x 5-7/8" x 5-7/8" | 12.92lb |
| 14T8/4F/xxx/DIR | 25PCS | 48-13/16" x 5-7/8" x 5-7/8" | 12.92lb |
| 11T8/4F/xxx/DIR/C | 25PCS | 48-13/16" x 5-7/8" x 5-7/8" | 12.92lb |
| 15T8U6/xxx/DIR | 12PCS | 1-15/16" x 1-1/4" x 8-7/16" | 12.21lb |



T8 DIRECT (UL Type A)

CERTIFICATION INFORMATION

| Product | Model | DLC ID# |
|---------|---------------------|---------------|
| 36561 | 8T8/2F/830/DIR/RD | PLHRRXOPHNYG |
| 36562 | 8T8/2F/835/DIR/RD | PL1JTGBTIR64 |
| 36563 | 8T8/2F/840/DIR/RD | PL4J71HM0IV0 |
| 36564 | 8T8/2F/850/DIR/RD | PLU0T0DEQI9P |
| 36770 | 9.5T8/4F/830/HE/DIR | P2F2YE22 |
| 36771 | 9.5T8/4F/835/HE/DIR | PEGKZLX1 |
| 36772 | 9.5T8/4F/840/HE/DIR | PPZOUQC1 |
| 36773 | 9.5T8/4F/850/HE/DIR | PAFK7NO6 |
| 36565 | 10T8/3F/830/DIR | PLM11Q1Q4OSS |
| 36566 | 10T8/3F/835/DIR | PLBXHI89E25B |
| 36567 | 10T8/3F/840/DIR | PLXKA44ERY7V |
| 36568 | 11T8/4F/830/DIR | PLTKWMSQ9VM3 |
| 36569 | 11T8/4F/835/DIR | PLKTCR6CV556 |
| 36570 | 11T8/4F/840/DIR | PL1BIE9CAZ0 |
| 36571 | 11T8/4F/850/DIR | PL0WNWOPB8P7 |
| 36579 | 11T8/4F/830/DIR/C | PL27EKVGZS4U |
| 36580 | 11T8/4F/835/DIR/C | PL4TADPD3SVT |
| 36581 | 11T8/4F/840/DIR/C | PLBMJBHTRC2F |
| 36582 | 11T8/4F/850/DIR/C | PL0PX2ATNTJP |
| 36572 | 14T8/4F/835/DIR | PLU085PAKJ6R |
| 36573 | 14T8/4F/840/DIR | PLXU414QPF3 |
| 36574 | 14T8/4F/850/DIR | PLARPEW8W2EY |
| 36575 | 15T8U6/830/DIR | PL4PSYSTWVVKO |
| 36576 | 15T8U6/835/DIR | PLJU2T76VBGL |
| 36577 | 15T8U6/840/DIR | PLP227DHBJC0 |
| 36578 | 15T8U6/850/DIR | PL2Q49HCPJ2D |

EXTENDED WARRANTIES***

| Model | Description**** |
|--------------------------------|---|
| 8T8/2F/DIR/10YEARWARRANTY | 10 Year warranty for 8T8/2F/8xx/DIR/yy |
| 9.5T8/4F/HE/DIR/10YEARWARRANTY | 10 Year warranty for 9.5T8/4F/8xx/HE/DIR/yy |
| 10T8/3F/DIR/10YEARWARRANTY | 10 Year warranty for 10T8/3F/8xx/DIR/yy |
| 11T8/4F/DIR/10YEARWARRANTY | 10 Year warranty for 11T8/4F/8xx/DIR/yy |
| 11T8/4F/DIR/C 10YEARWARRANTY | 10 Year warranty for 11T8/4F/8xx/DIR/C/yy |
| 14T8/4F/DIR/10YEARWARRANTY | 10 Year warranty for 14T8/4F/8xx/DIR/yy |
| 15T8/U6/DIR/10YEARWARRANTY | 10 Year warranty for 15T8U6/8xx/DIR/yy |

*** Warranty based on a maximum of 4,368 annual operating hours (per year for ten years) and exposure to a maximum ambient 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'

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