

|               |       |
|---------------|-------|
| 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
- NSF listed – National Sanitation Foundation
- 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



082521



## SPECIFICATIONS

| Product | Model               | Equiv. | Input Voltage | Wattage | Lumens | CCT   | CRI | Efficacy (LPW) | Power Factor | THD  | Beam Angle | Dim.* | Fixture Rating | DLC |
|---------|---------------------|--------|---------------|---------|--------|-------|-----|----------------|--------------|------|------------|-------|----------------|-----|
| 36561   | 8T8/2F/830/DIR/RD   | 17W    | 120-277V      | 8       | 1,250  | 3000K | 82  | 156            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36562   | 8T8/2F/835/DIR/RD   | 17W    | 120-277V      | 8       | 1,250  | 3500K | 82  | 156            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36563   | 8T8/2F/840/DIR/RD   | 17W    | 120-277V      | 8       | 1,250  | 4000K | 82  | 156            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36564   | 8T8/2F/850/DIR/RD   | 17W    | 120-277V      | 8       | 1,250  | 5000K | 82  | 156            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36770   | 9.5T8/4F/830/HE/DIR | 32W    | 120-277V      | 9.5     | 1,800  | 3000K | 82  | 189            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36771   | 9.5T8/4F/835/HE/DIR | 32W    | 120-277V      | 9.5     | 1,800  | 3500K | 82  | 189            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36772   | 9.5T8/4F/840/HE/DIR | 32W    | 120-277V      | 9.5     | 1,800  | 4000K | 82  | 189            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36773   | 9.5T8/4F/850/HE/DIR | 32W    | 120-277V      | 9.5     | 1,800  | 5000K | 82  | 189            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36565   | 10T8/3F/830/DIR     | 25W    | 120-277V      | 10      | 1,450  | 3000K | 82  | 145            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36566   | 10T8/3F/835/DIR     | 25W    | 120-277V      | 10      | 1,450  | 3500K | 82  | 145            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36567   | 10T8/3F/840/DIR     | 25W    | 120-277V      | 10      | 1,450  | 4000K | 82  | 145            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36568   | 11T8/4F/830/DIR     | 32W    | 120-277V      | 11      | 1,800  | 3000K | 82  | 164            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36569   | 11T8/4F/835/DIR     | 32W    | 120-277V      | 11      | 1,800  | 3500K | 82  | 164            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36570   | 11T8/4F/840/DIR     | 32W    | 120-277V      | 11      | 1,800  | 4000K | 82  | 164            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36571   | 11T8/4F/850/DIR     | 32W    | 120-277V      | 11      | 1,800  | 5000K | 82  | 164            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36579   | 11T8/4F/830/DIR/C   | 32W    | 120-277V      | 11      | 1,800  | 3000K | 82  | 164            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36580   | 11T8/4F/835/DIR/C   | 32W    | 120-277V      | 11      | 1,800  | 3500K | 82  | 164            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36581   | 11T8/4F/840/DIR/C   | 32W    | 120-277V      | 11      | 1,800  | 4000K | 82  | 164            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36582   | 11T8/4F/850/DIR/C   | 32W    | 120-277V      | 11      | 1,800  | 5000K | 82  | 164            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36572   | 14T8/4F/835/DIR     | 32W    | 120-277V      | 14      | 2,200  | 3500K | 82  | 157            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36573   | 14T8/4F/840/DIR     | 32W    | 120-277V      | 14      | 2,200  | 4000K | 82  | 157            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36574   | 14T8/4F/850/DIR     | 32W    | 120-277V      | 14      | 2,200  | 5000K | 82  | 157            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36575   | 15T8U6/830/DIR      | 32W    | 120-277V      | 15      | 2,100  | 3000K | 82  | 140            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36576   | 15T8U6/835/DIR      | 32W    | 120-277V      | 15      | 2,100  | 3500K | 82  | 140            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36577   | 15T8U6/840/DIR      | 32W    | 120-277V      | 15      | 2,200  | 4000K | 82  | 147            | 0.9          | <20% | 220°       | Yes   | Enclosed       | ✓   |
| 36578   | 15T8U6/850/DIR      | 32W    | 120-277V      | 15      | 2,200  | 5000K | 82  | 147            | 0.9          | <20% | 220°       | 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.



# 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<br>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        |

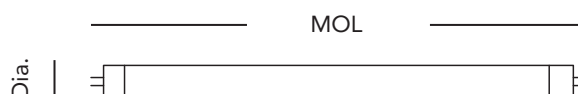
Note:

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<br>11T8/4F/xxx/DIR<br>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"            | 1-1/8"         |
| 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   | PL4J71HM0V0   |
| 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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