# LED T8 Tube Lights Type AB G1 Series



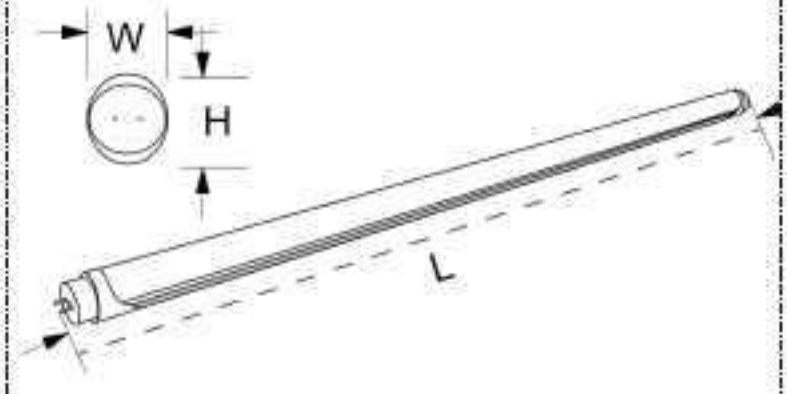

DLC 5.1 | ETL Intertek | 100-277ACV 347ACV | 5 Years warranty | Type A Type B | 120° | Aluminum Housing

## Product Features

- **Installation:** Type AB, Plug & Play Compatible Electronic Ballast & ballast bypass, Direct wire, Single-End or Double-End Input.
- **ALL IN ONE: Power & CCT Adjustable Option**
- **Construction:** Aluminum case and PC lens, Standard colors are Clear and Frosted.
- **LED System:** LED system with a life rating of ≥50,000 hours at L70 @25°C. Luminous efficacy >130 lm/W.
- **Electrical:** 100V-277/347 VAC. PF≥0.9 and THD≤20%.
- **Certification:** ETL Listed, DLC SSL 5.1, FCC, RoHS.
- **Warranty:** Limited 5-Year Warranty.

## Dimension

| Item | L×W×H (inch) |
|---|---|
| 2FT | 24" x 1.12" x 1.28" |
| 3FT | 36" x 1.12" x 1.28" |
| 4FT | 48" x 1.12" x 1.28" |
| 5FT | 60" x 1.12" x 1.28" |
| 6FT | 72" x 1.12" x 1.28" |
| 8FT | 96" x 1.12" x 1.28" |






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## Order Information

| Length | Part No. | 1 Power or 5 Powers | Luminous Flux | Luminous Efficacy | Voltage |
|---|---|---|---|---|---|
| 2FT | EDI-T82F8-AB | 8W | 1040 lm | 130 lm/w | 120-277V<br>120-347V |
| | EDI-T82F10-AB | 5W-7W-8W-9W-10W | 1300 lm | | |
| | EDI-T82F12-AB | 7W-8W-9W-10W-12W | 1560 lm | | |
| 3FT | EDI-T83F10-AB | 5W-7W-8W-9W-10W | 1300 lm | 130 lm/w | 120-277V<br>120-347V |
| | EDI-T83F15-AB | 7W-9W-10W-12W-15W | 1950 lm | | |
| | EDI-T83F18-AB | 9W-10W-12W-15W-18W | 2340 lm | | |
| 4FT | EDI-T84F9-AB | 5W-6W-7W-8W-9W | 1620 lm | 180 lm/W | 120-277V<br>120-347V |
| | EDI-T84F10-AB | 10W<br>6W-7W-8W-9W-10W | 1700 lm | 170 lm/W | |
| | EDI-T84F12-AB | 12W<br>7W-8W-9W-10W-12W | 1800 lm | 150 lm/W | |
| | EDI-T84F15-AB | 15W<br>7W-9W-10W-12W-15W | 1950 lm | 130 lm/W | |
| | EDI-T84F18-AB | 18W<br>9W-10W-12W-15W-18W | 2340 lm | | |
| | EDI-T84F20-AB | 20W | 2600 lm | | |
| | EDI-T84F22-AB | 22W<br>10W-12W-15W-18W-22W | 2860 lm | | |
| | EDI-T84F24-AB | 24W<br>10W-12W-15W-18W-24W | 3120 lm | | |
| 5FT | EDI-T85F22-AB | 10W-12W-15W-18W-22W | 2860 lm | 130 lm/W | 120-277V<br>120-347V |
| | EDI-T85F26-AB | 12W-15W-18W-22W-26W | 3380 lm | | |
| | EDI-T85F30-AB | 15W-18W-22W-26W-30W | 3900 lm | | |
| 6FT | EDI-T86F26-AB | 12W-15W-18W-22W-26W | 3380 lm | 130 lm/W | 120-277V<br>120-347V |
| | EDI-T86F30-AB | 15W-18W-22W-26W-30W | 3900 lm | | |
| | EDI-T86F36-AB | 18W-20W-25W-30W-36W | 4680 lm | | |
| 8FT | EDI-T88F36-AB | 36W<br>18W-20W-25W-30W-36W | 4680 lm | 130 lm/W | 120-277V<br>120-347V |
| | EDI-T88F40-AB | 40W<br>20W-25W-30W-35W-40W | 5200 lm | | |
| | EDI-T88F45-AB | 24W-30W-35W-40W-45W | 5850 lm | | |
| | EDI-T88F50-AB | 24W-30W-35W-40W-50W | 6500 lm | | |



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## Specifications

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Key parameter** | **Length** | 2FT | 3FT | 4FT | 5FT | 6FT | 8FT |
| | **Voltage** | 100-277V / 120-347V | | | | | |
| | **Base** | G13 | | | G13/R17D | | FA8/R17D |
| **Certifications** | **Safety / DLC** | ETL DLC Stander 5.1 | | | | | |
| **Photo metric** | **CCT** | 1CCT / 6CCT | | | | | |
| | **SDCM** | ≤6 | | | | | |
| | **Beam Angle** | 120° | | | | | |
| | **Ra** | >80 | | | | | |
| | **R9** | >0 | | | | | |
| | **Rated Voltage** | 100-277V / 120-347V | | | | | |
| | **Frequency** | 50/60Hz | | | | | |
| | **THD** | ≤ 20% | | | | | |
| | **Surge Protection** | 2KV | | | | | |
| | **Power Factor** | ≥ 0.9 | | | | | |
| **Lifetime** | **L70** | ≥ 50000 | | | | | |
| | **L90** | ≥ 36000 | | | | | |
| | **Warranty** | 5 Years | | | | | |
| **Construction** | **Housing** | Aluminum | | | | | |
| | **Optical-Lens** | PC Frosted / Clear | | | | | |
| **Operation** | **Start Time** | ≤ 1S | | | | | |
| | **Operating Temp** | -4℉ - 104℉ | | | | | |
| | **Storage Temp** | -22℉ - 140℉ | | | | | |
| | **Optical-Lens** | PC Frosted /Clear | | | | | |
| | **Environment** | Indoor | | | | | |
| | **Ingress Protection** | IP22 Rating | | | | | |



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## Packing / weight

| Size | Outer box (L*W*H) | Qty/Ctn (pcs) | G.W/Ctn (lbs) | Container 40HQ(68 ㎥) |
|---|---|---|---|---|
| 2ft | 24.6*7.28*7.28 inch<br>625*185*185 mm | 25 | 9.3 | 70500 pcs |
| 3ft | 36.65*7.28*7.28 inch<br>931*185*185 mm | 25 | 13.2 | 45600 pcs |
| 4ft | 48.6*7.28*7.28 inch<br>1235*185*185 mm | 25 | 15.5 | 39600 pcs |
| 5ft | 60.43*7.28*7.28 inch<br>1535*185*185 mm | 25 | 16.5 | 27600 pcs |
| 6ft | 70.67*7.28*6.3 inch<br>1795*185*160 mm | 20 | 22.0 | 21840 pcs |
| 8ft | 94.6*7.28*6.3 inch<br>2405*185*160 mm | 20 | 26.5 | 14640 pcs |

## Warranty

This product has a warranty of period of 5 years from the date of purchase. The warranty is invalid in the case of improper use, installation, tampering or removal of the Q.C. and/or date label, usage in improper working environment or installation not according to the current edition of the National Electric Code. Should this product fail during the warranty period it will be replaced free of charge, subject to correct installation and return of the faulty unit. Manufacturer does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is in addition to the statutory rights in your country of purchase. Manufacturer reserves the right to alter specifications without prior notice.

## Note

1. The installation and maintenance must be completed by electricians or professionals.
2. Please cut off the power before installation and maintenance.
3. The thermally insulating material is not allowed to cover the fixture.
4. Please keep away from the corrosive substance, and keep the fixture dry and clean.
5. Working temperature: -4°F~104°F, storage temperature: -22°F~140°F.


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