



# PRODUCT DATASHEET

## LED BF T5 HO 24W 4' FG 835 DIM

LEDlescent™ LED T5 High Output | T5 High Output lamps provide higher lumen performance for T5HO fixtures



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### Areas of application

- Offices
- Grocery
- Warehouses
- Parking garages
- Retail

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### Product features

- Efficacy up to 128 LPW
- CRI > 80
- No lamp polarity
- No warm-up time, instant-on with full light output and stable lamp-to-lamp color
- Static color temperature
- Beam angle: 180° with frosted glass optics
- Light emitting angle: 320°
- No UV emission
- Lamps are compatible with LEDVANCE Emergency Battery Backup (75740)

## TECHNICAL DATA

## Additional product data

|                              |                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------|
| Base type                    | G5                                                                                                               |
| Mercury content              | 0.0 mg                                                                                                           |
| Ordering Abbreviation        | LED24T5HOL48FGDIM835BFG2                                                                                         |
| Abbrev. With Packaging Info. | LED24T5HOL48FGDIM835BFG2 25/CS 1/SKU                                                                             |
| SKU UPC                      | 0046135419904                                                                                                    |
| NAED                         | 41990                                                                                                            |
| Family Brand Name            | LEDlescent™                                                                                                      |
| General Description          | 4ft, LEDlescent™ Ballast-Free LED T5HO, Frosted glass, 24W, 120-277V,82 CRI, 3400 Lumens, 3500 K, 50000 hrs Life |
| Warranty                     | 5 years                                                                                                          |

## Electrical data

|                             |                   |
|-----------------------------|-------------------|
| Nominal Wattage             | 24.00 W           |
| Nominal voltage             | 120.00...277.00 V |
| Claimed Equivalent Lamp Pwr | 54 W              |

## Photometrical data

|                             |         |
|-----------------------------|---------|
| Lumens                      | 3400 lm |
| Efficacy                    | 142     |
| Color Temperature/CCT       | 3500 K  |
| Color Rendering Index (CRI) | 82      |
| Light color                 | 835     |

## Dimensions &amp; Weight

|                |            |
|----------------|------------|
| Overall length | 1163.19 mm |
| Diameter       | 0.67 in    |
| Product weight | 0.31 lb    |

## Materials &amp; Colors

|                 |            |
|-----------------|------------|
| Lamp Finish     | Frosted    |
| Bulb shape      | T5         |
| Bulb Glass Type | SOFT GLASS |

## Application &amp; Mounting

|         |     |
|---------|-----|
| Dimming | Yes |
|---------|-----|

## Lifespan

|                         |       |
|-------------------------|-------|
| Average Rated Life (hr) | 50000 |
|-------------------------|-------|

## Capabilities

|         |     |
|---------|-----|
| Dimming | Yes |
|---------|-----|

## Certificates &amp; Standards

|                       |                          |
|-----------------------|--------------------------|
| Certification Listing | RoHS / CSA / FCC / cULus |
|-----------------------|--------------------------|

## Logistical data

|                   |               |
|-------------------|---------------|
| SKU Qty           | 1             |
| Case Qty          | 25            |
| Case Length (in)  | 46.535        |
| Case Width (in)   | 5.000         |
| Case Depth (in)   | 4.567         |
| Case Cube (ft)    | 0.615         |
| Case Weight (lbs) | 8.810         |
| SKU UPC           | 0046135419904 |
| Pallet Qty        | 2,000         |

## Optional accessories

| Product image                                                                      | Product name           | UPC     |
|------------------------------------------------------------------------------------|------------------------|---------|
|  | EMBB 2A 21W UNV DIM DC | OS75740 |

## Safety advice

- Please read and comply with all instructions before attempting installation.
- Do not use with external LED drivers or ballasts.
- All installation, inspection, and maintenance of lighting fixtures should be done with the power to the fixture turned off.
- Lamps should be installed and operated in compliance with the National Electrical Code (NEC), Underwriters Laboratories Inc. (UL) requirements, and all applicable codes and regulations.
- Ensure lamp holders/sockets are in good operating condition before installation.
- Do not install LED lamps and fluorescent lamps in the same fixture
- Best practice: cap off the remaining ballast wires should the ballast be left in the fixture after disconnecting.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during installation.
- To comply with UL requirements when installing LEDlescent™ lamps, you must affix the luminaire warning sticker—provided inside the packaging—to the fixture during installation. This ensures the fixture retains its UL safety rating.
- EM ballast that operates with fluorescent ballasts must be disconnected from the lamps.
- Make sure the lamps have the proper connections before restoring power.
- Operating temperature range between -4°F and 113°F (-20°C and 45°C).
- Compatible with Philips Bodine ELI-S-20 Emergency Lighting Inverters and IOTA inverter models IIS-25-I, IIs-35-I, IIS-50-1, IIS125, IIS-375, IIS-550
- Can be used in enclosed (lens or diffuser) luminaire.
- Not approved for use in vapor tight or sealed luminaire.
- Suitable for dry and damp locations (cannot come in direct contact with water).

DOWNLOAD DATA

| Spec Sheets and Product Documents                                                |                           | Document name                       |
|----------------------------------------------------------------------------------|---------------------------|-------------------------------------|
|  | Product Family Spec Sheet | LEDlescent LED T5HO UL Type B Lamps |

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.