



FTD-LED AMBER

Cleanroom LED Laminar Airflow Grid

PRODUCT SPECIFICATION

The FTD series is designed for use in laminar airflow cleanrooms.

Mounting

Ceiling grid mount. Knockouts on both ends permit conduit wiring and / or row mounting.

Lens

Snap-in extruded white (opal) diffuser.

Housing

18 gauge cold rolled steel die-formed to shape with seams welded and ground smooth. Stainless steel and 16 gauge aluminum available.

Electrical

Electrical components are mounted to a toolless removable power tray for ease of installation and maintenance.

Finish

Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless steel available.

Driver

0-10Vdc 1% dimming, >0.9 PF, <20% THD
Factory programmable, Operating temp -40°C Min. to 50°C Max

Wiring

Driver provided with pre-wired 3-wire self-aligning input power quick disconnect and 2-wire quick disconnect to LED module.

Certifications

UL Listed wet location. IP43 rated and suitable for use in ISO-3 cleanrooms (209E Class 1).

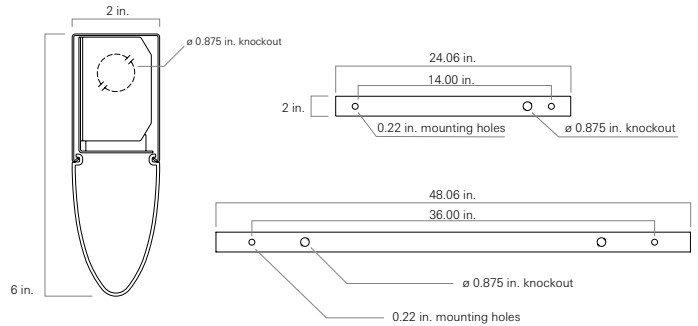
Job Name _____

Fixture Type _____

Catalog No. _____

Approval _____

Date _____



FTD - one - two - three - four - five - six - seven - eight
- WH - - VAR - DM -

one Luminaire Size

- 2 2 ft. fixture
- 4 4 ft. fixture

two LED Source

Refer to the LED Source Table on Page 2 for available options.

three Lens

- WH White (opal) diffuser, standard

four Material

- A Aluminum
- C Cold rolled steel, standard
- S Stainless steel

five Finish

- R Brushed (Stainless steel only)
- W White, standard

six Voltage

- VAR Variable, 120-277 V, 50/60Hz

seven Driver

- DM 0-10VDC Dimming, standard

eight Options

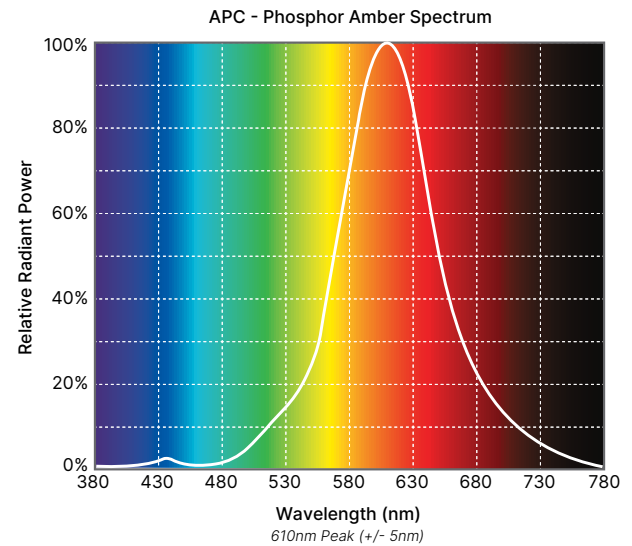
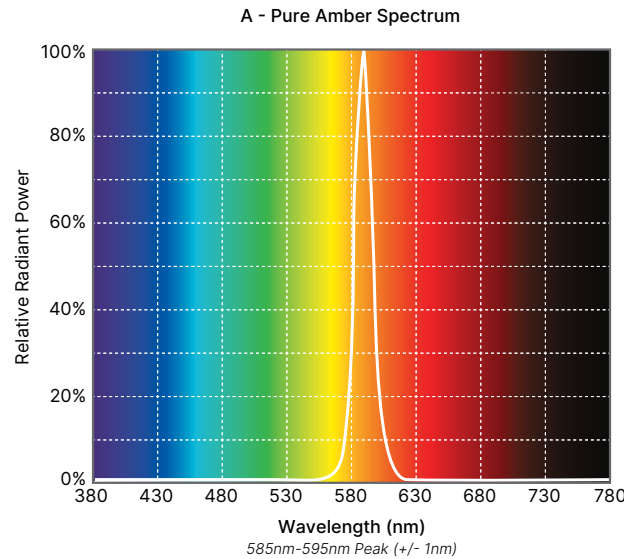
- CU Canadian UL Listing
- EM Emergency battery backup
- FH Fuse and holder
- SO Specified output
- RMxx*¹ Row mounting
Includes Chase Nipple(s), PVC Gasket(s), and Sealing Locknut(s)

*¹ xx = Length of row in feet

Modifications are available to meet custom requirements. Specifications and dimensions are subject to change without notice.

LED Life
>100,000

LED Source (Box 2)	Delivered Lumens	L/W	Input Watts
Pure Amber (A)			
2'			
1A5	568	32	18.0
4'			
1A5	533	49	10.8
1A8	839	42	19.8
1A11	1136	32	35.9
Phosphor Amber (APC)			
2'			
1APC12	1256	94	13.3
1APC17	1730	89	19.4
4'			
1APC18	1837	98	18.7
1APC25	2511	94	26.6
1APC34	3461	89	38.8



Specified Output Option

L.C. Doane programmable drivers allows us to deliver a specific lumen output. If none of the options in the chart above fit your application, let us know the desired lumen output and we will do the rest. See the example for how this will be specified:

Example Model:

FTD2-**XX**¹SO-WH-CW-VARDM-(**XX**²/LUMENS)

LUMENS = You provide the lumens.

XX¹ = We will determine the number of rows.

XX² = We will provide the wattage information.