

DATA SHEET: LED TROFFER DOOR KIT CCT & Wattage Tunable

General illumination typically used to replace 2x2 and 2x4 fluorescent troffers. The Patriot Troffer Door Kit is designed to lay in drop ceilings in offices, schools, showrooms, airports, retail locations, and healthcare facilities. Ultra-modern design with an industry leading 130 lumens per watt, the Patriot Troffer Door is the ideal fluorescent lay-in replacement.

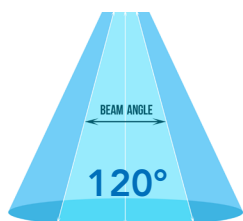
Our LED TROFFER DOOR KIT are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty. See Ordering Model table below for our BAA compliant products. Contact us for pricing or more information.

PRODUCT FEATURES

- Easy to install under five minutes.
- Wattage can be changed with DIP SWITCH.
T1 = 15W, 20W, 25W, 36W
T2 = 20W, 25W, 36W, 50W
- External UL Listed Class-2 Constant Current Driver.
- Minimize labor and recycling costs.
- Multiple mounting options.
- 0-10V Dimming.
- Suitable for damp locations.

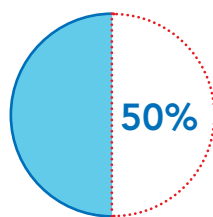


BEAM ANGLE



Patriot LED Light Distribution

CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

WARRANTY



Our Industry-Leading 10-Year Limited Warranty Guarantees Unsurpassed Quality

TECHNICAL DATA

- CCT: 3500K/4000K/5000K
- Color Rendering Index (CRI): >80
- Operation Temperature: -30°C to 40°C
- Lumen efficiency: 130LPW
- Universal voltage: 120V-277V applications
- Input Frequency: 50/60Hz
- High power factor: .90
- LED: SMD 2835 chips
- Housing: Aluminum



ORDERING MODEL

PATRIOT TUBE	LENGTH	DIMMABLE	WATTAGE	CCT
PTD	1x4	D	15W	3500K
	2x2		20W	4000K
	2X4		25W	5000K
			36W	
			40W	
			50W	
Product Code: example				
PTD-2x2D -25W -3500K				

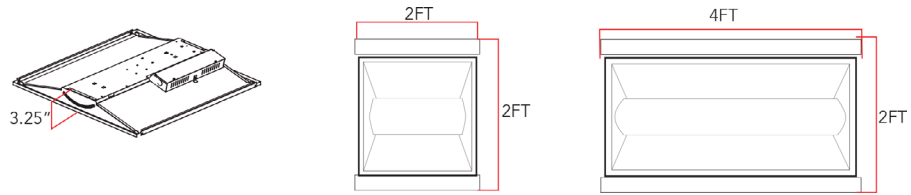
PRODUCT SPECIFICATION

Product No.	BAA/TAA Option*	Length (FT)	Input Voltage	Color Temp (K)	Tunable Wattage	Rated Lumens	Rated Efficacy LP/W	CRI	Beam Angle	Rated Life (Hours)	Operating Temp. (°F)	PF
15W PATRIOT LED TROFFER DOOR KIT												
PTD-1X4-15W CDS	Yes	1'x4	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	15W, 20W, 25W, 36W, 40W	2040	>140	>80	120°	100,000	-30°C to 40°C	>.90
PTD-2X2-15W CDS	Yes	2'x2	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	15W, 20W, 25W, 36W, 40W	2040	>140	>80	120°	100,000	-30°C to 40°C	>.90
20W PATRIOT LED TROFFER DOOR KIT												
PTD-1X4-15W CDS	Yes	1'x4	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	15W, 20W, 25W, 36W, 40W	2720	>140	>80	120°	100,000	-30°C to 40°C	>.90
PTD-2X2-15W CDS	Yes	2'x2	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	15W, 20W, 25W, 36W, 40W	2720	>140	>80	120°	100,000	-30°C to 40°C	>.90
PTD-2X4-25W CDS	Yes	2'x4	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	20W, 25W, 36W, 40W, 50W	2720	>140	>80	120°	100,000	-30°C to 40°C	>.90
25W PATRIOT LED TROFFER DOOR KIT												
PTD-1X4-25W CDS	Yes	1'x4'	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	15W, 20W, 25W, 36W, 40W	3365	>130	>80	120°	100,000	-30°C to 40°C	>.90
PTD-2X2-25W CDS	Yes	2'x2'	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	15W, 20W, 25W, 36W, 40W	3365	>130	>80	120°	100,000	-30°C to 40°C	>.90
PTD-2X4-25W CDS	Yes	2'x4'	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	20W, 25W, 36W, 40W, 50W	3365	>130	>80	120°	100,000	-30°C to 40°C	>.90
36W PATRIOT LED TROFFER DOOR KIT												
PTD-1X4-36W CDS	Yes	1'x4	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	15W, 20W, 25W, 36W, 40W	4929	>130	>80	120°	100,000	-30°C to 40°C	>.90
PTD-2X2-36W CDS	Yes	2'x2'	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	15W, 20W, 25W, 36W, 40W	4929	>130	>80	120°	100,000	-30°C to 40°C	>.90
PTD-2X4-36W CDS	Yes	2'x4'	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	20W, 25W, 36W, 40W, 50W	4929	>130	>80	120°	100,000	-30°C to 40°C	>.90
45W PATRIOT LED TROFFER DOOR KIT												
PTD-2X4-45W CDS	Yes	2'x4'	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	20W, 25W, 36W, 40W, 50W	4894	>130	>80	120°	100,000	-30°C to 40°C	>.90
50W PATRIOT LED TROFFER DOOR KIT												
PTD-2X4-50W CDS	Yes	2'x4	120V -277V, 50/60 Hz	3500K/ 4000K/5000K	20W, 25W, 36W, 40W, 50W	6363	>130	>80	120°	100,000	-30°C to 40°C	>.90

PHYSICAL DATA

Product No.	Housing	Dimmable	Certification	Material Usage	Environment	Packing/carton
PTD-1X4-25W CDS	Aluminium	Yes	DLC® Qualified, UL Classied, NSF	RoHS Compliant; no mercury	Dry & Damp	1
PTD-2X2-25W CDS	Aluminium	Yes	DLC® Qualified, UL Classied, NSF	RoHS Compliant; no mercury	Dry & Damp	1
PTD-2X4-25W CDS	Aluminium	Yes	DLC® Qualified, UL Classied, NSF	RoHS Compliant; no mercury	Dry & Damp	1
PTD-2X2-30W CDS	Aluminium	Yes	DLC® Qualified, UL Classied, NSF	RoHS Compliant; no mercury	Dry & Damp	1
PTD-2X4-30W CDS	Aluminium	Yes	DLC® Qualified, UL Classied, NSF	RoHS Compliant; no mercury	Dry & Damp	1
PTD-1X4-36W CDS	Aluminium	Yes	DLC® Qualified, UL Classied, NSF	RoHS Compliant; no mercury	Dry & Damp	1
PTD-2X2-36W CDS	Aluminium	Yes	DLC® Qualified, UL Classied, NSF	RoHS Compliant; no mercury	Dry & Damp	1
PTD-2X4-36W CDS	Aluminium	Yes	DLC® Qualified, UL Classied, NSF	RoHS Compliant; no mercury	Dry & Damp	2
PTD-2X4-45W CDS	Aluminium	Yes	DLC® Qualified, UL Classied, NSF	RoHS Compliant; no mercury	Dry & Damp	2
PTD-2X4-50W CDS	Aluminium	Yes	DLC® Qualified, UL Classied, NSF	RoHS Compliant; no mercury	Dry & Damp	2

DIMENSIONS



INSTALLATION

Retrofit Procedure:

1. Turn OFF power to the fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes and dispose of these properly as they may contain mercury.
4. Remove the ballast cover and disconnect host fixture ballast from main.
5. Remove existing lamps, door frame (if applicable), reactor and ballast cover. Depending on clearance space, ballast may need to be removed.
6. Slide in both mounting brackets between the housing and the T-grid (A).
7. Hang the retrofit kit body by hooking the T-hinges into the slots and attach the safety cables to the opposing bracket (B).
8. Connect AC wires and/or dimming wires (C).
9. Close door kit pushing it up and securing the bracket with the latches.
10. Switch ON power to the fixture at the breaker panel

