

DATA SHEET: LED REFRIGERATOR LIGHT (Clear/Frosted, Vertical/Horizontal)

The PATRIOT LED REFRIGERATOR LIGHT can dramatically reduce energy usage up to 75% providing significantly lower operating costs. This light has been designed to offer high quality directional illumination.

Our LED REFRIGERATOR LIGHT 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 BENEFITS

- Rated IP65 for use in commercial refrigerators and freezers
- Binned diodes for color uniformity
- Instant start in cold environments
- Dramatically improves look for any food or merchandise being displayed
- Minimize labor and recycling costs
- Glass-free
- Warranty 5 years (10yrs optional)

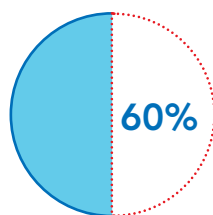


BEAM ANGLE



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
- Operation Temperature: -20°C to 50°C
- Efficiency with ballast: 110LPW
- Universal voltage: 120V-277V applications
- Input Frequency: 50/60Hz
- High power factor: ≥ 0.90
- Rated Life: 100,000 hrs
- LED: SMD 2835 chips
- Housing: Clear/Frosted

ORDERING MODEL

PATRIOT TUBE	TUBE TYPE	INTERNAL DRIVER	LENGTH	WATTAGE	CCT
PT	HR=horizontal VR=vertical	FL	4= 4FT 5= 5FT 6= 6FT	15W 18W 20W 22W	3500K 4000K 5000K
Product Code: example					
PT-HRFL4 -15W -3500K					





DATA SHEET: LED REFRIGERATOR LIGHT

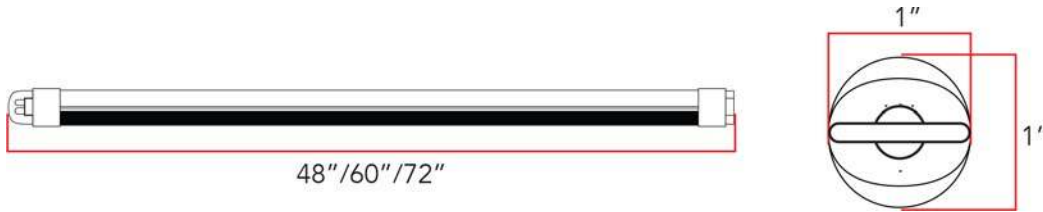
PRODUCT SPECIFICATION

Product No.	BAA/TAA Option*	Wattage	Input Voltage	Color Temp (K)	Rated Lumens	Rated Efficacy	CRI	Beam Angle	Rated Life (Hours)	Operating Temp. (°F)	Power Factor
4 FT - LED REFRIGERATOR LIGHT											
PT-HRFL4 -15W	Yes	15	120V -277V, 50/60 Hz	3500K/4000K/ 5000K	>110	>80	>80	120°	100,000	-20°C to 50 °C	>.90
PT-HRFL4 -18W	Yes	18	120V -277V, 50/60 Hz	3500K/4000K/ 5000K	>110	>80	>80	120°	100,000	-20°C to 50 °C	>.90
PT-HRFL4 -20W	Yes	20	120V -277V, 50/60 Hz	3500K/4000K/ 5000K	>110	>80	>80	120°	100,000	-20°C to 50 °C	>.90
PT-HRFL4 -22W	Yes	22	120V -277V, 50/60 Hz	3500K/4000K/ 5000K	>110	>80	>80	120°	100,000	-20°C to 50 °C	>.90
5 FT - LED REFRIGERATOR LIGHT											
PT-HRFL5 -15W	Yes	15	120V -277V, 50/60 Hz	3500K/4000K/ 5000K	>110	>80	>80	120°	100,000	-20°C to 50 °C	>.90
PT-HRFL5 -18W	Yes	18	120V -277V, 50/60 Hz	3500K/4000K/ 5000K	>110	>80	>80	120°	100,000	-20°C to 50 °C	>.90
PT-HRFL5 -20W	Yes	20	120V -277V, 50/60 Hz	4000K/5000K/5700K	>110	>80	>80	120°	100,000	-20°C to 50 °C	>.90
PT-HRFL5 -22W	Yes	22	120V -277V, 50/60 Hz	4000K/5000K/5700K	>110	>80	>80	120°	100,000	-20°C to 50 °C	>.90
6 FT - LED REFRIGERATOR LIGHT											
PT-HRFL6 -15W	Yes	15	120V -277V, 50/60 Hz	4000K/5000K/5700K	>110	>80	>80	120°	100,000	-20°C to 50 °C	>.90
PT-HRFL6 -18W	Yes	18	120V -277V, 50/60 Hz	4000K/5000K/5700K	>110	>80	>80	120°	100,000	-20°C to 50 °C	>.90
PT-HRFL6 -20W	Yes	20	120V -277V, 50/60 Hz	4000K/5000K/5700K	>110	>80	>80	120°	100,000	-20°C to 50 °C	>.90
PT-HRFL6 -22W	Yes	22	120V -277V, 50/60 Hz	4000K/5000K/5700K	>100	>80	>80	110°	50,000	-20°C to 45 °C	≥.90

PHYSICAL DATA

Product No.	Material Usage	Environment	Certification	Packing/carton
PT-HRFL4 -15W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1
PT-HRFL4 -18W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1
PT-HRFL4 -20W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1
PT-HRFL4 -22W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1
PT-HRFL5 -15W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1
PT-HRFL5 -18W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1
PT-HRFL5 -20W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1
PT-HRFL5 -22W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1
PT-HRFL6 -15W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1
PT-HRFL6 -18W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1
PT-HRFL6 -20W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1
PT-HRFL6 -22W	RoHS Compliant; no mercury	Dry & Damp	DLC® Qualified, UL Classified, NSF	1

DIMENSIONS



INSTALLTION

Retrot Procedure:

1. Turn OFF power to the xture at the breaker panel before installation.
2. Remove the uorescent tubes (A) and dispose of these properly as they may contain mercury.
3. Cut the ballast and/or driver wires nearest to the connector and remove (A).
4. Use mounting holes to install LED tube into the lighting xture and make AC connections using wire connectors (B).
5. Switch ON power to the xture at the breaker panel

