



NOMINAL LUMENS	WATTAGE
6000	47 W
5000	38 W
3600	25.7 W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

LED Troffer Retrofit Kit makes it easy to replace fluorescent troffers with energy-efficient LED lights. The OVHP-RTK is the first LED troffer retrofit to completely assemble in approximately under five minutes. Fast installation and fixture design allow for installation into existing fixture housing with 3-1/8" depth or greater. Spaces are filled with brighter, softer volumetric illumination that creates a more comfortable, productive environment. Energy-efficiency and advanced optics create the ideal choice for indoor illumination used in offices, hallways, conference rooms, warehouses, gymnasiums, retail, hospitality, commercial, and medical applications.

LUMENS	3600, 5000, 6000
CCT & DYNAMIC PLATFORMS	30K, 35K, 40K, 50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x2', 2'x4', 1'x4'
MOUNTING	Recessed
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUTFTB, LUT2W, DIMST, ELDO10.1, ELDO10.1, DALI.1
EMERGENCY	10W - Up to 1000L output (Bodine BSL310) 20W - Up to 2000L output (Bodine BSL20)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



MAINTENANCE

The center acrylic diffuser can be removed, allowing easy access to LED boards and driver compartment, locking into place for secure closure of the luminaire. LED engines and driver are removable and upgradable even after luminaire installation. Smooth corners ensure safe handling and quick installation. Luminaire can be regularly and safely wiped down to ensure optimal performance.

OPTICAL SYSTEM

LED light engines are attached directly to the housing and keep LED engines cool. An advanced thermal management system allows the light output of the LED engines to be maintained at 80% of initial lumens at 60,000 hours of operation. Frosted acrylic lens gathers light scattered by the LED chips and delivers highly efficient volumetric lighting, eliminating unwanted shadows and surface glare.

CONSTRUCTION

Housing made from 20-gauge cold rolled steel and a polycarbonate diffuser that helps with heat management and provides uniform illumination.

FINISH

Post-painted with a 93% reflective white coat to improve luminaire efficacy, with all body components seamlessly interlocked for added structural strength.

MOUNTING

Compatible with surface mounting and for fixtures with recessed with recessed housings of 3-1/8" depth or greater.

Fast, Simple Installation

1. Open the diffuser door and remove all florescent tubes from the fixture.
2. Remove the cover and all other internal components. Disconnect fluorescent ballast from power wires.
3. Install brackets by using the 2 hanger bars provided. These hangers will slide in parallel from each other.
4. Secure the fixture on the hanger bars with self-tapping screws. Once fixture is secure, attach the aircraft cable to the frame of the housing.
5. Once all of the wires are connected and the aircraft cable is secure, tuck in all of the wires and cables before closing the LED retrofit. The LED retrofit light will have to lock in tabs. Secure these tabs by pushing them inward.

OPTIONS

Fixtures can be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Leviton, Wattstopper, Hubble Automation, and others.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Available in 347V., produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING & DRIVER INFORMATION

- DIM10** - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.
- LUT2W** - Lutron LTEA2W Hi-Lume 1%. 2-wire LED Driver Forward Phase Control, 1% dimming in 120V only. Available on all luminaires up to 40 watts.
- LUTH** - Lutron LDE1 Hi-Lume Eco System. 1% dimming with Soft in Fade to Black dimming technology.
- ELDO10.1** - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.
- DALI** - DALI DT6, DT8 dimming down to 1%.
- ELDODMX** - EldoLED PowerDrive dimming down to 0.1%. Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.
- DIMST** - Step Dimming

WARRANTY

Five-year warranty for parts and components. (Labor not included)

LISTINGS

c-UL-us - Listed for Feed Through Wiring.
Listed for DLC.

Example: **24-OVHP-RTK-LED-3600L-DEXAL-MVOLT-30K-85**

FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS
24 - 2' X4'	OVHP-RTK - LED Retrofit Kit	LED	3600L - 3600 lumens 5000L - 5000 lumens 6000L - 6000 lumens	DIM10 - 0-10V Dimming DIMST - Step Dimming LUTH - Lutron HiLume LUT2W - Lutron 2Wire LUTFTB - Lutron Fade to Black ELDO10.1 - EldoLED 0-10V ELDODALI - EldoLED DALI ELDODMX - EldoLED DMX DEXAL - OSRAM Dexal Dimming	MVOLT 347* <small>*Consult factory for details</small>	30K 35K 40K 50K	85	0-EMG-LED-10W 0-EMG-LED-20W	FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse USA - Made in America Compliance DFCSJ-OEM-RF - Clear Connect (RF) only DFCSJ-OEM-OCC - Clear Connect (RF) and Occupancy/ Daylight Sensing

LUT2W are available in 120V only LUT2W up to 5000L

LUTH, ELDO10-1, ELDODALI-1, and ELDODMX-1 are available in 120V and 277V

-Reference last page for Control Options

