



Nominal Lumens	Delivered Lumens	Wattage
4000	4421	35W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

FEATURES

The OEVHP-RTK-BLE-MS-LED architectural-grade troffer retrofit kit makes it easy to upgrade fluorescent troffers to LED. One-piece construction allows the fixture to be accessed from the bottom without having to remove the lens. Easily adjust output and color temperature in the field wirelessly through the app. Brighter, volumetric illumination makes this troffer retrofit kit ideal for offices, hallways, conference rooms, warehouses, gymnasiums, retail, hospitality, commercial, and healthcare applications.

LUMENS	Wireless Adjustable up to 4000L
CCT	Wireless Selectable 30K, 35K, 40K, 50K
CRI	85+ (Standard)
COLOR QUALITY	3-Step MacAdam Ellipse
LENGTHS	2 x 2', 2 x 4', 1 x 4'
MOUNTING	Recessed, Surface
DIMMING & CONTROL	Wireless Bluetooth Mesh Lighting Control
EMERGENCY	10W - Up to 1500L output, 20W - Up to 3000L output
LIFETIME	L70 at 60,000 Hours
OPERATING TEMPERATURE	-20° C to 50° C Ambient Temperature
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



MAINTENANCE

The center acrylic diffuser is secured tightly to the body with screws, so the lens will not detach from the fixture when undergoing cleaning, in multistoried spaces, or in high-vibration areas. The center acrylic diffuser can be removed, allowing easy access to LED boards.

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

The LED light engine is secured to the body of the luminaire, with the body acting as a heat sink. Housing is constructed of heavy-duty 20-gauge cold-rolled steel for maximum strength and long-life, post-painted with a 93% reflective white coat to protect against rusting, corrosion, and for safety of use when handling the fixture. All corners are rounded to remove sharp edges for safe handling.

SCAN TO DOWNLOAD THE APP



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

Can be installed into existing housings with 3-1/8" depth or greater.

1. Open the cover of the existing fixture. Remove all florescent tubes and internal components.
2. Remove the cover. Disconnect ballast.
3. Slide the 2 provided hanger bars into each side of the existing housing.
4. Slide in one end of the fixture onto a hanger bar. Secure with a self-tapping screw.
5. Secure aircraft cable to frame of the housing. Connect your wiring.
6. Flip fixture up and secure in place by pushing built-in tabs inward.

DIMMING AND CONTROL

2.4GHz wireless mesh technology with AES 128-bit encryption lighting control can connect 100 devices per group. With max distance of 98 feet in line barriers or corners. Luminaires work with wireless or embedded switch. System control is achieved by a Bluetooth mesh network, thus no need for Routers and Gateways. Luminaires can be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power packs for individual or room lighting control.

Bluetooth Mesh

The system control is achieved by a Bluetooth mesh network, eliminating the need for routers and gateways.

Energy-Saving

Light output is automatically set by the system based on the user's requirement.

Comfort

Light output will automatically change based on the variation of indoor light luminance.

Convenience

Illumination mode can be achieved with a push of a button.

EXAMPLE: 14-OEVHP-RTK-BLE-MS-LED-4000L-MVOLT-30K35K40K50K-85

FIXTURE SIZE	SERIES	TYPE	LUMENS	VOLTAGE	CCT	CRI	EMERGENCY	OTHER	ACCESSORIES
14	OEVHP-RTK	BLE-MS-LED	4000L	MVOLT	30/35/40/50K	85	O-EMG-LED-10W O-EMG-LED-20W	OTHER OPTIONS	ACCESSORIES

- FBF**
Internal Fast
Blow Fuse
IntelliCast Face Plates
IC-BLE-SW3-MVOLT-WH (IntelliCast Technology Wireless Battery Powered 3 Button Switch)
- SBF**
Internal Slow
Blow Fuse
IC-BLE-SW5-MVOLT-WH (IntelliCast Technology Wireless Battery Powered 5 Button Switch)
IC-BLE-SW7-MVOLT-WH (IntelliCast Technology Retrofit 7 Button Switch)
- USA**
Made in
America Compliant
IntelliCast Zone Controller

CONTROL AND SENSOR

Luminaires are shipped with pre-installed daylight harvesting controls and occupancy sensors for individual or room lighting control.

WARRANTY

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

LISTINGS

c-UL-us - Listed for Feed Through Wiring.
UL 8750 LED equipment in Lighting Products
All LED luminaires are rated and tested to LM-79 and LM-80 standards by Elite Lighting. Listed for DLC, California Title 24 compliant.

THE APP

The IntelliCast app by Elite Lighting allows validated end users (electrical contractors, sales agents, or facility maintenance professionals) to startup, configure, and troubleshoot wirelessly from a compatible smart phone or tablet.

The mobile app is optimized for efficient on-site startup and maintenance. It allows end-users to easily modify the settings and operation of fixtures, sensors, and wall switches in a group to meet energy code requirements. For larger installations, multiple users may use the mobile app simultaneously to reduce on-site time.

BENEFITS

- Complete control for applications using this room-based system
- Bluetooth-enabled app for iOS and Android devices
- Auto configuration and plug-n-play connectivity for simplified installation
- Intuitive interface and user-friendly wall stations for precise control

MAKE COMMISSIONING OF YOUR LIGHTING EASY



Add Luminaires	Create Groups	Switches	Scenes	QR Codes	More Settings
<ul style="list-style-type: none"> • Add/ Delete • Individual Dimming • CCT Adjustable • 100 Luminaires per Group, 30 Groups Max 	<ul style="list-style-type: none"> • Select Individual Lights • Add to Group • Link Groups • Delete Groups • Group Settings <ul style="list-style-type: none"> • Auto Settings • Motion Sensor • Daylight Harvesting • Time Delay • Program Presets 	<ul style="list-style-type: none"> • Pair App to Switch • Three Types of Switches • Switch will Provide Options 	<ul style="list-style-type: none"> • Create / Edit Scenes • Modify Presets 	<ul style="list-style-type: none"> • Gain Admin Access • Gain User Access • Share Codes 	<ul style="list-style-type: none"> • Create Schedules • Find QR Codes • Circadian Rhythm Settings • Luminaire Information • Converter & Sensor Info • Nearby Lights • Function Testing • Auto Calibration • Trim Settings • Bluetooth Radio Settings • App Version Info