UFIT™ and UFITR™ Application Guide

UFIT and UFITR Product Highlights

- Available in 46-inch, 48-inch, 92-inch and 96-inch length options.
- High lumen output available; up to 10,000 lumens in a 48-inch and 20,000 lumens in a 96-inch fixture.
- Standard and high-efficiency options—up to 150 LPW
- Truly industrial temperature ratings; high ambient option for 50°C
- 120V, 277V, 347V or 480V voltage ratings suited for many environments
- 10% Dimming driver standard; 1% eldoLED driver available
- Dependable surge protection with 2.5kV standard or an optional 6kV
- PLR options available to reduce wiring and installation time.

UFIT™ Fixture and UFITR™ Retrofit Family Application Guide

	UFIT Low Bay	UFITR Low Bay Retrofit	UFITR Strip Retrofit	UFITR Surface Retrofit
What is it?	UFIT Full LED Low Bay Fixture for new or renovation installations	UFITR *L* LED Low Bay Retrofit Kit for existing fluorescent low bay housings	UFITR *S* LED Low Bay Retrofit Kit for existing fluorescent low bay housings	UFITR *F* LED Low Bay Retrofit Kit for existing fluorescent low bay housings
Where can I Use it?	Any open ceiling, suspended, or surface mount application Recommended mounting heights are between 12 and 20 feet, depending on lumen package. Installation can be done via tong hanger, aircraft cable, or stem kit.	Replaces almost any low bay fluorescent fixture, as long as it has a wireway of at least this size 1.33″ / 2.76″ Maximum wireway width 5.5 inches	Replaces almost any strip fluorescent fixture, as long as it has a channel of at least this size 2.75″ / 1.75″ Maximum Channel width 5 inches	Replaces almost any fluorescent luminaire, as long as it has a flat surface of at least 48 inches long and 6 inches wide. This kit should be used if the UFITR L and the UFITR S cannot be used on a specific application.
Applications/ Compatiable Products	▪ Warehouses ▪ Retail ▪ Garages and Workshops ▪ Schools and Recreational Facilities ▪ Storage Facilities	▪ Lithonia Lighting® MS5 and MS8 ▪ Elite™ Lighting SDB ▪ Metalux™ I5 and I8 ▪ Texas Fluorescents FHB	▪ Lithonia Lighting® C, S, AF, UN ▪ GE Lighting SR5 and SR8 Strip ▪ Hubbell®/Columbia CS and CH ▪ Lumax Lighting® CS and ER Strip ▪ Metalux SS and SN Strip ▪ Philips/Day-Brite T, IA, and IS Strip	▪ Hubbell LHEM ▪ Lumax CD Wide ▪ Metalux RCG ▪ Philips/Day-Brite G Series ▪ Philips Day-Brite HP Low Bay
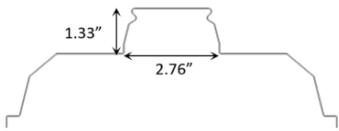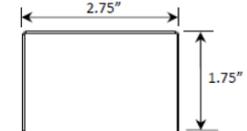
UFIT™ and UFITR™ Controls Guide

The UFIT and UFITR are the first low bays and industrial retrofit kits to come enabled with nLight® AIR from the factory. The nLight sensor is designed directly into the lens without changing the shape or size of the fixture, for a seamless look.

These sensors provide basic motion sensor functionality out of the box, but also allow for more detailed configuring and programming via the nLight® network.

Simple As

Install nLight® AIR enabled fixtures. The embedded smart sensor helps to achieve energy code compliance.

1

Install wireless battery powered wall switch. Multiple configurations available to meet the needs of your customer.

2

Download the CL**AIR**ITY app, pair the fixtures to the wall switch and configure the lights to match your space.

3

nLight® options for UFIT and UFITR

NLTAIR2 RES7
- Integrated occupancy sensor with automatic photo dimming cell for individual fixture control
- Works out of the box as a 7.5/2.5 fixture motion sensor
- Capable of wireless configuration and programming via CLAIRITY™ Mobile App
- PDT option adds microphonic technology for low-motion areas

NLTAIR2 RIO
- Integral connection for an individual fixture to the nLight AIR Network without the sensor functions

rPP20D
- Add as an accessory to individual or rows of fixtures to connect them to the nLight Air Network
- Able to be mounted to the back of the fixture or remotely depending on mounting type

Analog Sensor Options for UFIT and UFITR

LSXR
- Add as an accessory to individual or rows of fixtures
- Provides motion and photo control functionality
- Default functionality is a 10 minute motion sensor, but additional programming possible in the field
- 0-10V control
- Available in multiple mounting heights and lens patterns

AcuityBrands.