

# THE POWER OF LIGHT ILLUMADYNE



## PRODUCT BRIEF

Upgrading to LED lighting has never been easier. By utilizing the existing housing and electrical connection, Illumadyne Troffer Retrofit Kits (TRU) can be easily installed in a matter of minutes. Modern, volumetric design is the ideal solution for interior grid ceiling applications.



## HAVE QUESTIONS?

Call us today at (850) 741-4089



Scan the QR code  
to visit our  
Illumadyne website!

**Illumadyne** has elected to use the latest 5630 mid-power LED's from LG and Samsung, achieving efficiencies of 180-195 LPW. We configure our linear LED Boards for the optimum in efficiency and thermal management through the use of all Aluminum PCB's. When combined with the latest high efficiency drivers and our LED Modules, Illumadyne is able to achieve over 140 LPW for system efficacy (Including Driver Loss), while providing a modular concept for scalability. All drivers are equipped with short circuit and over temp protection.

## HIGHLIGHTS

- Universal design quickly converts all Recessed Troffer style fixtures to a new modern appearance
- >93% light transmission for Brightview Diffusing lens
- Equipped with Samsung High Efficiency LED Modules
- Available with Standard 0-10VDC dimming
- => 82 CRI
- Quick installation for low installation costs
- Fits inverted "T" grid ceiling

## LED SYSTEM

- Latest 5630 mid -power LED's from Samsung
- Efficiencies of 180-195 LPW
- Linear LED boards for the optimum in efficiency and thermal management using all aluminum PCB's
- Combined with the latest high efficiency drivers from Meanwell and our LED modules.
- Able to achieve up to 140 LPW for system efficacy (Including Driver Loss)
- All drivers are equipped with short circuit, lightning, and over temp protection
- Built in 6kVA surge protection

## CONSTRUCTION & MATERIALS

- Lifetime - Designed to last up to 100,000 HRS
- Limited 7-Year Warranty
- Minimum 2.125" depth required
- All Aluminum Construction

## OPTICAL SYSTEM

- Universal fit for any 2x2 or 2x4 Troffer
- Retrofit 2, 3, and 4 lamp fixtures.
- High Efficiency Diffused Lens

## SPECIFICATIONS

FIXTURE	# BARS	SYSTEM WATTS	DELIVERED LUMENS	EFFICACY LUMENS/W	LENS TYPE	CRI	CCT (°Kelvin)	T8 EQUIVALENT
14TRU UNV 42 HE	2	24 W	3,120	130	DIFFUSE	>80	3,500-5,000	2 x 32
22TRU UNV 22 HE	2	28 W	3,600	129	DIFFUSE	>80	3,500-5,000	2 x 32
24TRU UNV 42 HE	2	41 W	5,400	129	DIFFUSE	>80	3,500-5,000	3 x 32
24TRU UNV 42 N	2	57 W	7,600	133	DIFFUSE	>80	3,500-5,000	4 x 32
24TRU UNV 43 HO	3	82 W	11,000	134	DIFFUSE	>80	3,500-5,000	5 x 32

SYSTEM WATTS @ 120 VAC

Delivered Lumens Based on 5000K CCT





## APPLICATION PHOTOS

