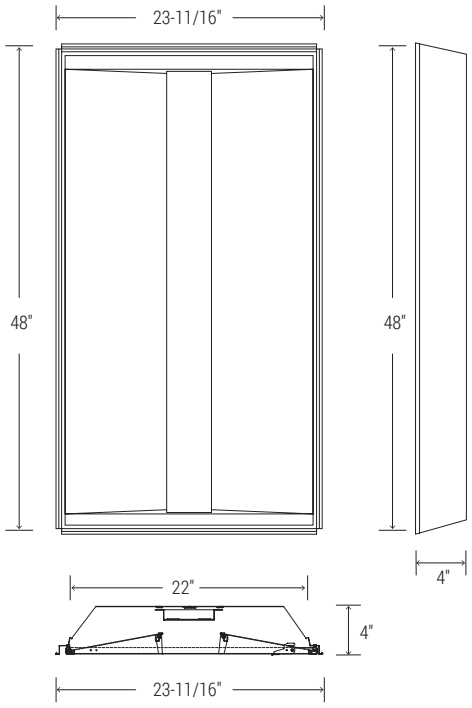
ORACLE LIGHTING
By Elite Lighting

Tunable White

24-LITE-LED-1

2' X 4' Architectural Fully Illuminated Recessed LED Troffer

2'x4'



NOMINAL LUMENS	ELITE PLATFORM
6000	72 W
5000	58 W
4000	49 W

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

DYNAMIC PLATFORM

SMART WHITE - Tunable White with Smart White Technology allows the tuning of luminaires to mimic the natural color patterns throughout the day, enhancing interior office spaces, hospitality, and architectural elements. Tuning of intensity and color in classrooms enables a diversification in student activities, while the use of tunable white technology in healthcare stimulates circadian rhythm, accelerating the healing process. Complementing colors and textures in retail merchandising also has an impact on sales, utilizing the technology to adjust colors throughout the season. A CRI of 90+ is standard, and available on all three platforms.
Elite Platform (50K-27K)

LUMENS	Elite Platform: 4000, 5000, 6000
TUNABLE WHITE PLATFORMS	High Performance: TWH-50K-27K (50K to 27K) High Performance: TWH-65K-27K (65K to 27K)
CRI	90+
COLOR QUALITY	2 Step MacAdam Ellipse
SIZE	2'x2', 2'x4'
MOUNTING	Recessed
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming (DIM10), DMX-512/RDM LUTH, DALI, DLM
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

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PROUDLY ASSEMBLED in AMERICA

QUICKSHIP CONSULT FACTORY

5 YEARS LIMITED WARRANTY

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FEATURES
The clean lines and crisp profile of the lens creates an impressionable presence, making it the perfect application for contemporary spaces. Featuring a sleek center metal extrusion that can also be painted any color, it creates a floating visual effect, providing a seamless aesthetically pleasing appearance. The angled backlit lens creates a volumetric, uniform illumination with the use of glare-free reflective surfaces, resulting in ideal visual comfort. The glare-free illumination, high efficient and sustainability of the luminaire also makes it the ideal source for corporate offices, educational, health care, commercial, and retail applications.

OPTICAL SYSTEM
The LED light engine is secured to the body of the luminaire, with the body acting as a heat sink. A proprietary design of the lens results in zero pixilation, regardless of the viewing angle, with LEDs placed to promote a uniform appearance. The result is even illumination across the space, from luminaire to luminaire.

MAINTENANCE
The door frame assembly is hinged, allowing easy access to LED boards and driver compartment, locking into place for secure closure of the luminaire. LED engines and drivers are removable and upgradable even after luminaire installation. Luminaire can be regularly and safely wiped down to ensure optimal performance.

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CONSTRUCTION
Body is constructed of heavy-duty 20-gauge cold rolled steel, post-painted and engineered for maximum strength and extended life. All corners interlock to prevent aesthetic damage to the luminaire, with sides and corners uniformly turned in and hemmed to remove sharp edges for safe handling and easy installation. Luminaire is supplied with multiple wiring entrances for easy daisy chain of luminaires, to add power packs, whips, or other accessories in the field, or for continuous row mounting.

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

MOUNTING
Luminaires accommodate lay-in ceilings, Slot T, and T-bar suspension systems for 5/8" and 3/8" ceiling thicknesses. Four corner tie points are standard for safety wire support when required, with built-in earthquake clips, standard. Luminaires may be available with flange kits, surface mounted kits, and other options.

OPTIONS
Luminaires can be shipped pre-installed with whips, modular wiring systems, daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control solutions.

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

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

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

Example: **24-LITE-LED-1-TWH-50K-27K-4000L-DIM10-MVOLT-90**

24	LITE-LED-1							
FIXTURE SIZE	SERIES	PLATFORM	LUMENS	DIMMING	VOLTAGE	CRI	EMERGENCY	OTHER OPTIONS
24 - 2' X4'	**LITE-LED-1** - Fully Illuminated LED Troffer	ELITE PLATFORM **TWH-50K-27K** **TWH-65K-27K**	ELITE PLATFORM **4000L** - 4000 lumens **5000L** - 5000 lumens **6000L** - 6000 lumens	ELITE PLATFORM **DIM10** - 0-10V Dimming **ELDODMX.1** - ELDODMX **ELDODALI** - ELDODALI TYPE 8 **LUTH** - Lutron T-Series	**120V** **277V** **MVOLT**	**90+**	**EMG-LED-10** **EMG-LED-20** (*Only Available on Elite Platform)	**24FK** - 2'x4' Flange Kit **FBF** - Internal Fast Blow Fuse **SBF** - Internal Slow Blow Fuse **RIS** - Radio Interference Suppressor **USA** - Made in America Compliance

OTHER OPTIONS

EC-WC-HW-MVOLT
Hard Wired Wall-Mount Controller to Controls CCT Tuning and Intensity. (Order with DIM10 Option) Available on Elite.

- ELDODALI, ELDODMX, LUTH available 120-277
* For BLE Dimming Option Please Consult Factory

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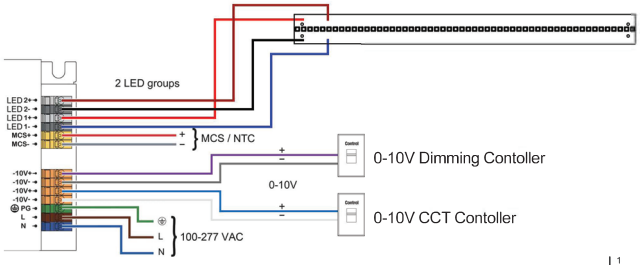
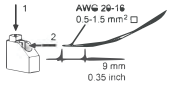
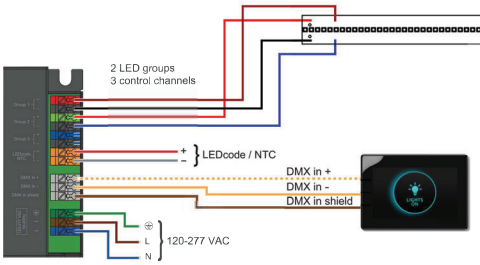
TWH-50K-27K





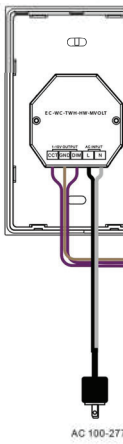
Solid or stranded copper wires only.



DMX512-A-RDM accessory board connects to an electrically isolated expansion port within the ALM

TWH Controller EC-WC-TWH-HW-MVOLT

Wiring Diagram:

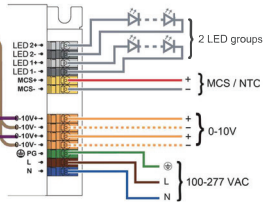


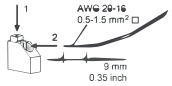
- 100-277VAC input.
- Touch slide tunable white and brightness control.
- 2 channels 1-10V signal output.
- 0.1%-100% dimming.
- Waterproof grade:IP20.
- Save up to max 3 different colors.

Safety & Warnings:

DO NOT install with power applied to device.
DO NOT expose the device to moisture.

Output Signal	2x(1-10V) signal
Power Supply	100-277VAC
Power consumption	30 mA max
Operating temperature	0-40°C
Relative humidity	8% to 80%
Dimensions	75x120x40.8mm





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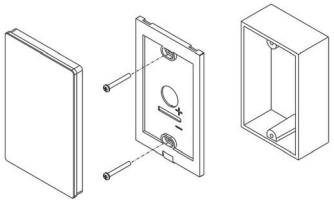

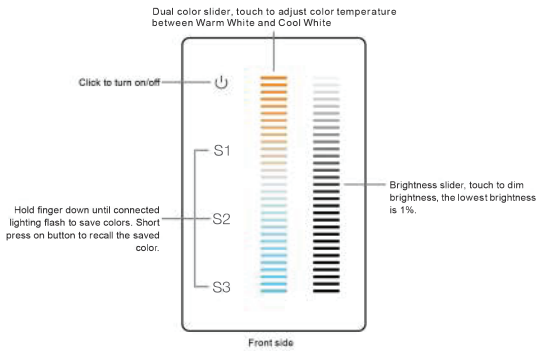

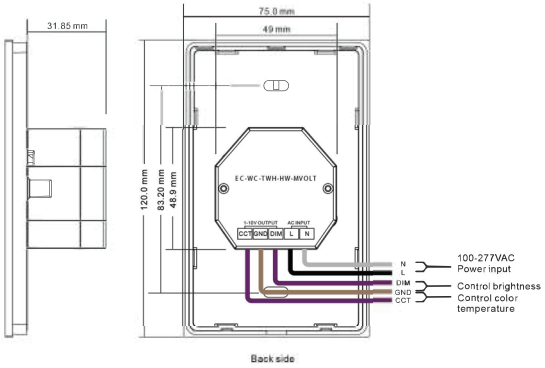

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