

Led Human Centric Troffer 2X2



PRODUCT DESCRIPTION

ABOVE ALL Human Centric LED Light Troffer is specially designed to create comfortable, healthy, and natural light for people. Ideal for nursing home residences, officeworkers, retail shoppers, patients in hospitals, children and adults in schools and any people in pursuit of a high quality healthy natural lighting environment.

ABOVE ALL Human Centric LED Light Troffer can be easily installed in standard T-bar and drop ceiling or to replace the fluorescent troffer. What's more, it can be controlled by a remote controller, smart-phone or tablet with the available APP which brings the smart lighting in reality.

ABOVE ALL Human Centric LED Light Troffer is 1-10V dimming and color temperature tunable from 2700K to 6500K with many programmable preset scenes, such as "Reading Light", "Work Light", "Night Light", "Sunrise/Sunset" and "Custom Scene". Besides, the Human Centric LED Light Troffer has a special "Dynamic Light" function. As time moves forward throughout each day the color temperature changes as well.

ELECTRICAL SYSTEM

- Input Voltage: 120-277V
- 50/60Hz
- Minimum Ambient -20°C, maximum 40°C
- Power Factor: > 0.98 at 120Vac
- Total Harmonic Distortion: < 20% at full load

PERFORMANCE

CRI

80

CCT

2700K-6500K

Dimming

0-10V Dimming Standard

Projected Lifetime

L70 - 106,000 Hours

Working Temperature

-4-104°F (-20-40°C)

Certifications

- cETL Listed
- DLC Premium qualified.
- Suitable for dry or damp locations
- RoHS compliant

SPECIFICATION

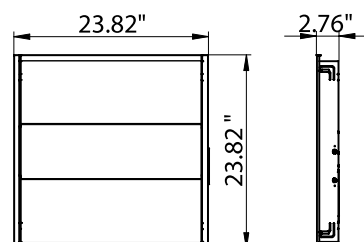
2X2

Length: 23.82"

Width: 23.82"

Height: 2.76"

Max. Weight: 8.66 lbs



Ordering Information

Example: TR22D32ACT

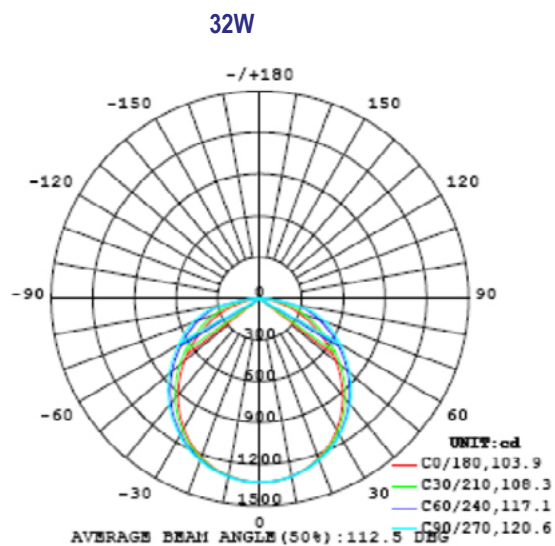
Troffer	Dimension	Dimmable	Watts	All Color Temperatures
TR	22- 2x2'	D - 2.4G RF Dimmable	32 - 32 Watts	ACT - 2700K - 6500K ¹

Notice:

1. CCT default setting is 5000K and DLC Premium available.
2. Standard finish color is white.
3. Special Order for other finish color - Ask Customer Service for Details.

PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Watts	Lumen Output	AC Input 120V	Measured Watts	CRI	CCT	LPW
32W	4055	0.30A	33W	>80	5000K	124

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperature from -4-104°F (-20-40°C)

Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.02
10	50	1.01
20	68	1.00
25	77	1.00
30	86	1.00
40	104	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the LED troffer in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

Operating Hours	Lumen Maintenance Factor				
	0	12,000	18,000	30,000	106,000
Lumen Maintenance Factor	1.0	0.98(L98)	0.96(L96)	0.92(L92)	0.70(L70)

CONTROL OPTIONS

- Color Temperature(2700~6500K) tunable
- 2.4G RF Dimming technology and fade-in dimming
- Programmable preset CCT and scenes
- Remote Controller and Wi-Fi controller available¹
- Dynamic natural color temperature curve

Notice:

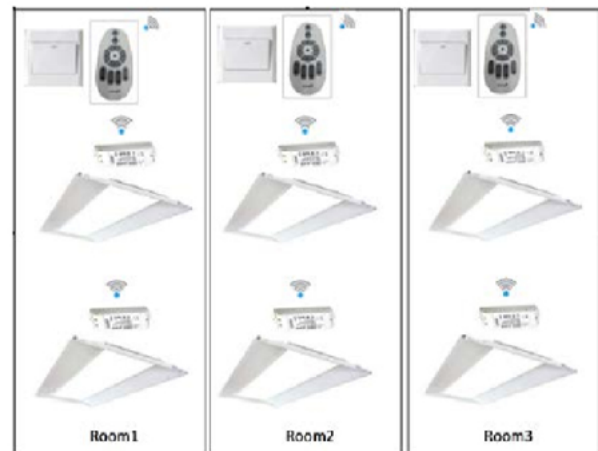
1. Maximum communication distance for the Wi-Fi Controller is 49ft (15m line of sight).



APPLICATION

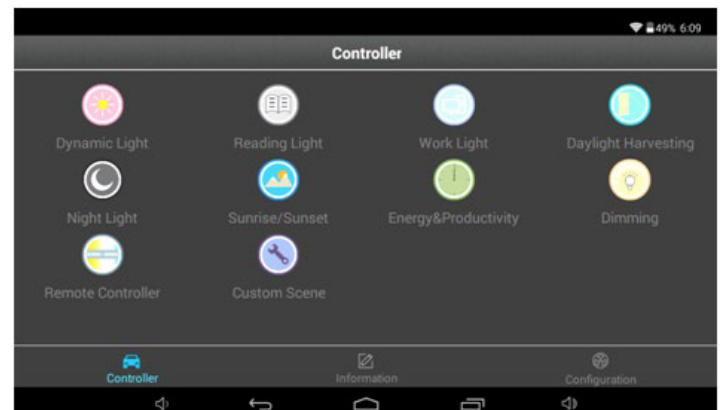
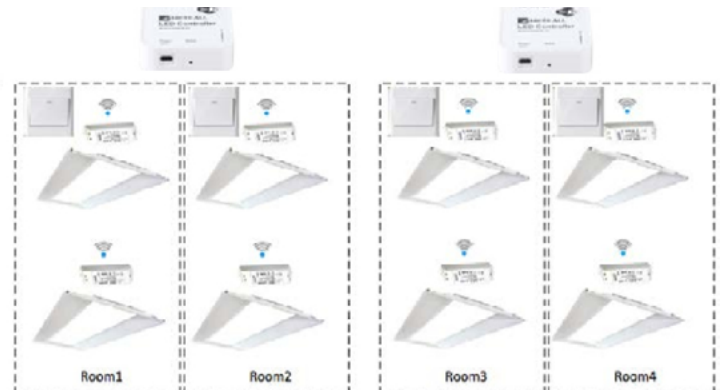
Remote Controller Control System

- ON/OFF with wall switch or remote controller
- Dimming and CCT tuning by remote controller



Wi-Fi + Tablet Control System

1. ON/OFF by wall switch or tablet
2. Dimming and CCT tuning by smart phone or tablet
3. Dynamic CCT tuning and scene control by smart phone or tablet.



Warranty

Five year limited warranty. Full warranty terms located at www.aboveallLighting.com/warrantystatements

Note

Specifications subject to change without notice.