ABOVE ALL
www.AboveAllLighting.com

Led Human Centric Troffer 2X4

5 YEAR LIMITED WARRANTY • **RoHS** COMPLIANCE • **2.4G RF** DIMMABLE • **WiFi** • **CCT TUNABLE** 2700K - 6500K

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.
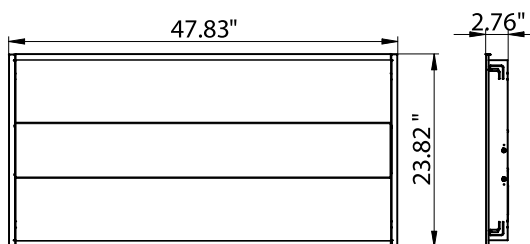
SPECIFICATION

2X4

Length: 47.83"

Width: 23.82"

Height: 2.76"

Max. Weight: 14.04 lbs

47.83"   2.76"

23.82"

Ordering Information   Example: TR24D32ACT

Troffer	Dimension	Dimmable	Watts	All Color Temperatures
TR	24- 2'x4'	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.

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	4078	0.29A	32W	>80	5000K	128

Lumen Ambient Temperature (LAT) Multipliers

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

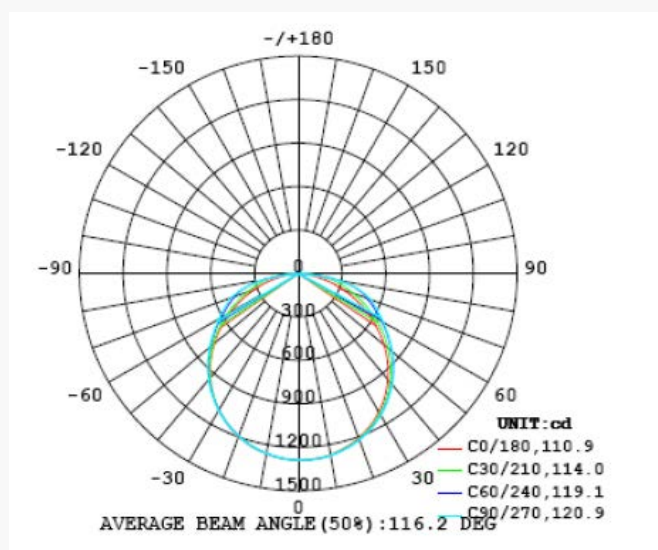| Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.02
10	50	1.01
20	68	1.00
25	77	1.00
30	86	1.00
40	104	0.99

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	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)

Photometry

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

UNIT:cd
C0/180,110.9
C30/210,114.0
C60/240,119.1
C90/270,120.9
AVERAGE BEAM ANGLE(50%):116.2 DEG

32W

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 available[1]
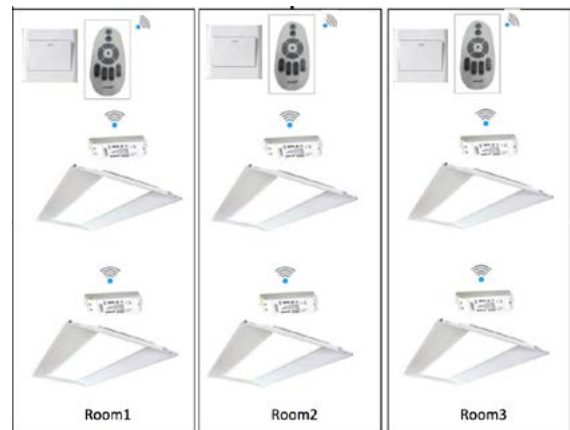- Dynamic natural color temperature curve

Notice:

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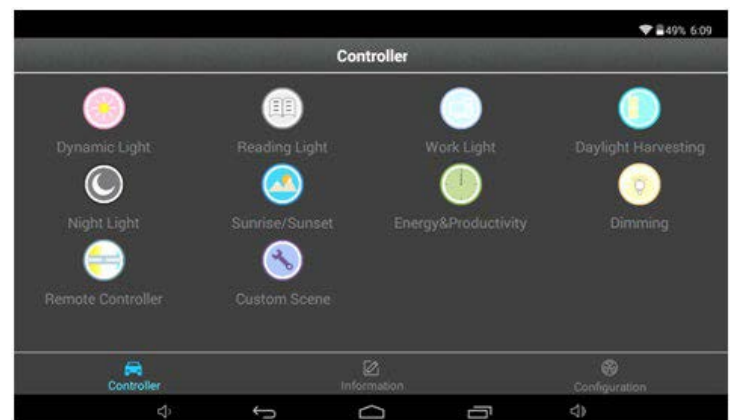
APPLICATION

Remote Controller Control System

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

Wi-Fi + Tablet Control System

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

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PRODUCT SPECIFICATIONS

ELECTRICAL SYSTEM

O Input Voltage: 120-277V

O 50/60Hz

O Minimum Ambient -20˚C, maximum 40˚C

O Power Factor: > 0.98 at 120Vac

O Total Harmonic Distortion: < 20% at full load

Ref#: 10127-10725

System Wattage	Max THD (%)	Power Factor (at 120Vac)	Power Efficiency	Replaces/ Equiv.(FL)
32W	<20	>0.98	85%	3 F32T8

CERTIFICATIONS AND QUALIFICATIONS

O cETL Listed

O DIC Premium qualified. Please refer to http://www.designlights.org/QPL for most current information

O Suitable for dry or damp locations

O RoHS compliant

Warranty

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

Note: Specifications subject to change without notice.