

ELED2X4

LED 2x4

High performance LED design to lay in to drop ceilings; typically used to replace 2x4 (600x1230) fluorescent fixtures. Suitable for office, school, hospital and medical facility applications. Panels are fully dimmable, and are compatible with building controls, motion sensors, timers and daylight harvesting systems.

The design of the panels produces an even, consistent shadowless light. The LED's mean long life, high lumen maintenance, high CRI and low maintenance with no hazardous materials.

FEATURES:

- Lumens: 3120/ 6500K Color Temperature
- 60 Watts
- 50,000 Hour Life (L70)
- 10.0 lbs
- Fluid dimming from 4 types of input signal- 0-10; Simple dimming; IR Remote; DMX 5112
- 5 year warranty
- 85 CRI
- Optional remote power supply as required
- MRI models available
- Surface mount and suspension kits available
- Also available in 1x4 (300x1230) and 2x2 (600x600)

CONTROL:

- Standard integrated driver. Remote driver available for MRI imaging models
- Up to 10 panels can be linked to each master panel

Fixture Ordering Information:

Typical Order Example: ELED2X4 DIR 65 60 UE 85 WH IR

SERIES	OPTICS	COLOR	WATTAGE	VOLTAGE	CRI	FINISH	CONTROL	OPTIONS
ELED1X4 ELED2X2 ELED2X4	ID=Indirect (Edge Lit) DIR=Direct (Direct Lit)	65=6500K	60	UE (120-277V)	85	WH=White	IR 0-10V DMX512	RD=Remote driver (<30FT)(9.5M) EM=Emergency Pack GR=Graphics (Consult EDSS) SM=Suspension Mount

PROJECT NAME:

CATALOG NUMBER:

NOTES:

FIXTURE TYPE:

For non-standard/architectural T-bar ceiling systems contact Energy Design Service Systems.



CONSTRUCTION:

- Housing and back panel are steel providing heat sink and thermal control availabilities
- Lens is translucent white polycarbonate
- Profile including the control box is 3.3 inches
- Modular construction for easy replacement

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SPECIFICATIONS:

ITEM	SPECIFICATION	DETAILS
General Performance	Spacing Criteria	Available upon request
	Color Temperature	6500K
	Lumens	3120
	Efficacy	52 lumen/ watt
	Color Consistency	Proprietary binning for uniform color
	Lumen Maintenance (L70)	50,000 hours
Electrical	Power Factor	Over 98%
	Input Voltage	120V-277V 50/60 Hz
	Power Consumption	60 Watts
Control	Dimming	0-10V, IR Dimming, Simple dimming, DMX512
	Linking Lengths/ Quantity	10' X 10' Panels
Physical	Dimensions	48" X 48.0" X 3.3"
	Weight	10.0 lbs
	Housing	Steel
	Optics	Light refraction/ acrylic diffusion
	Mounting	Fits standard grid for drop ceilings
	Operating Temperature	-20 °F to 130 °F
	Humidity	20% - 85% RH, non condensing
Certification	Certification	ETL, cETL
	Material Usage	RoHS compliant; no mercury
	Environment	Indoor Use
	LED Class	L70 rated to 50,000 hours

MASTER / REMOTE:

Each panel has a Master/ Satellite switch on the back. During mounting, one fixture in the room should be switched to Master and the others in the room should be switched to Satellite. With supplied regular RJ25 cord (telephone cords with telephone jacks) each fixture is joined to the next.

ROOM CONTROL:

When all the units are joined, one remote control aimed at the Master Unit will control all the other units in the room, up to a maximum of 10 units. With one click, all the units can be turned on, dimmed and turned off. The Master Unit controls the whole room, up to 10 fixtures.

BUILDING CONTROL:

Multiple panels can also be controlled from a single source. The panels can be linked to a DMX512 controller. For information and specifications on either linking more than 10 panels or on Green Building DMX controls please contact EDSS.

Lighting layouts and spacing criteria available upon request

