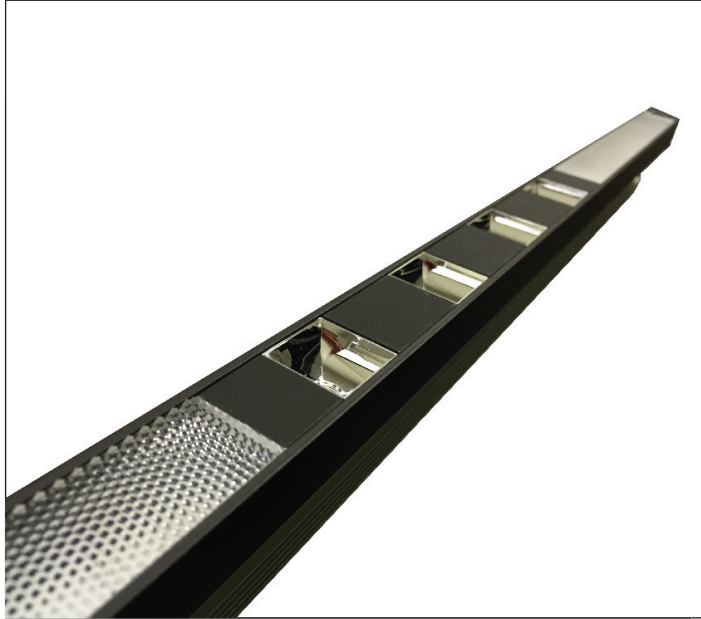


CAT:	FEET:
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TYPE:	PROJECT:
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TivoBAR™ replaces 2' or 4' selected cross tees of the grid suspension system with a state of the art integrated multi-level lighting system.

Features

- Light can be dispersed around a space to achieve even illumination and desired light levels exactly where they are needed.
- Compatible with intelligent building control system and DC power sources that help designers meet green building requirements.
- Shape of the TivoBAR is designed to quickly transfer all heat generated by the LED away from its surrounding area.
- 2 circuit 0-10V dimming capability with commercially available dimming controls (by others)
- 4 cables of 20AWG inside junction box for individual connection and dimming control of the two LED sections (Cutoff Reflector - Circuit B and Diffusing Lens - Circuit A) for multiple options (house lights, movie run, cleaning).

Mounting

Universal compatible clips at each end of the fixture for easy installation to standard 15/16" T-Bars of most manufacturer ceiling suspension system. Armstrong ceiling T-Bar mounting bracket clips available.

Applications

Specifically designed for movie theater ceiling down-lights.

Warranty

5 years

Technical Information

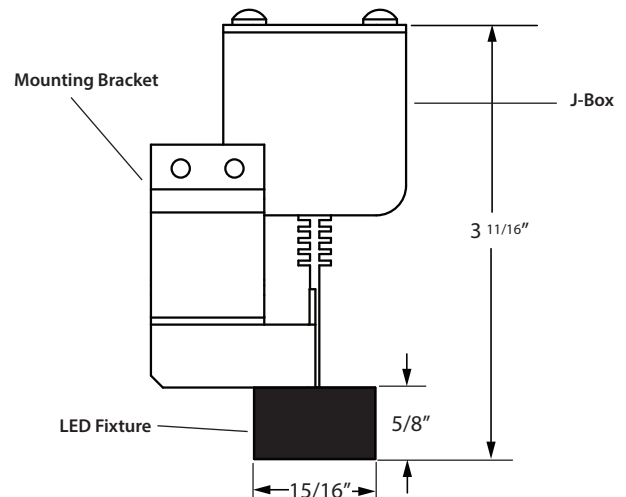


TivoBAR	24"		48"	
	Diffused (A)	Direct (B)	Diffused (A)	Direct (B)
Lumens Per Circuit Diffused (Circuit A Cleaning Lights) Direct (Circuit B House Lights)	781	336	1562	672
*Total Lumens	1122		2244	
*Watts	17W (6W/11W)		34W (22W/12W)	
*Lumen/Watt	66			
CRI	>80/TYP84			
Kelvin Temp	3000K, 4000K, **3500K, **4500K			
Rated Life	50,000 hrs.			
Ordering Increment	2', 4'			
Operating Voltage	24V DC			
Power Supply	Class 2			
Dimming	Yes (0-10V)			

*Based on 4' 3000K

**Available by request only, consult factory

Profile Dimensions



Recommended Power Supplies

ADUL - 0-10V DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-120-1-4-24-DOT	Indoor / Damp	100-277V AC 50/60 HZ	24V DC	1	96W	4A
	ADUL-240-2-4-24-DOT				2	2x96W	2x4A
	ADUL-320-3-4-24-DOT				3	3x96W	3x4A

Recommended Dimmers

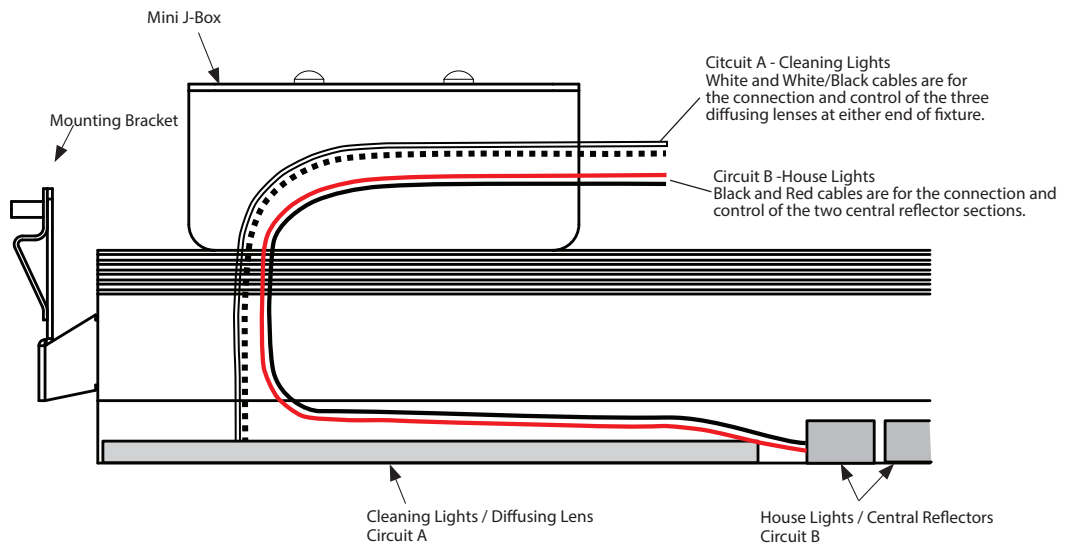
DIMMING - 0-10V

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
0-10V Dimmer	DIM-LD-010	Indoor	24V DC	24V DC	30 mA max. output (sink only)

Ordering Information

PRODUCT CODE	GRID TYPE	LED TYPE	MOUNT CLIPS	LENGTH	VOLTAGE
TVBR	24		U		24
TVBR = TivoBAR		30 = 3000K +/-100K 35 = 3500K +/-100K (Special Order) 40 = 4000K +/-100K 45 = 4500K +/-100K (Special Order)	U = Universal	2 = 24" 4 = 48"	24 = 24V DC

Two Independent Circuits For Dimming



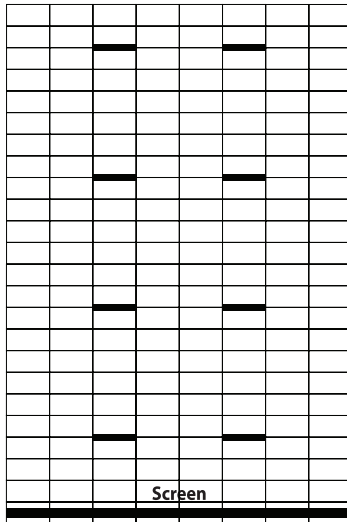
TivoBAR Typical Ceiling Fixture Layouts

SMALL THEATRE

8 Ceiling Fixtures

Circuit A - 1ea. ADUL-240-2-4-24-DOT

Circuit B - 1ea. ADUL-120-1-4-24-DOT

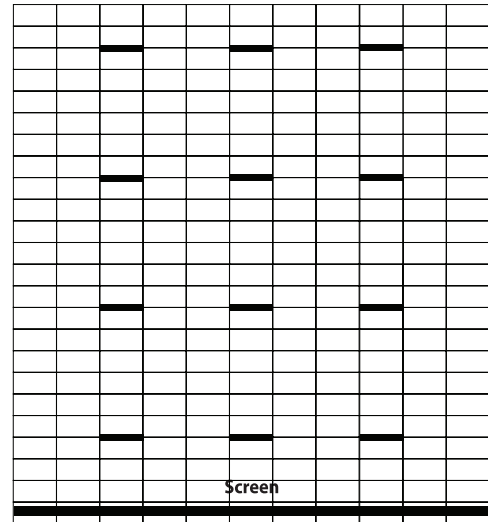


MEDIUM THEATRE

12 Ceiling Fixtures

Circuit A - 1ea. ADUL-320-3-4-24-DOT

Circuit B - 1ea. ADUL-240-2-4-24-DOT

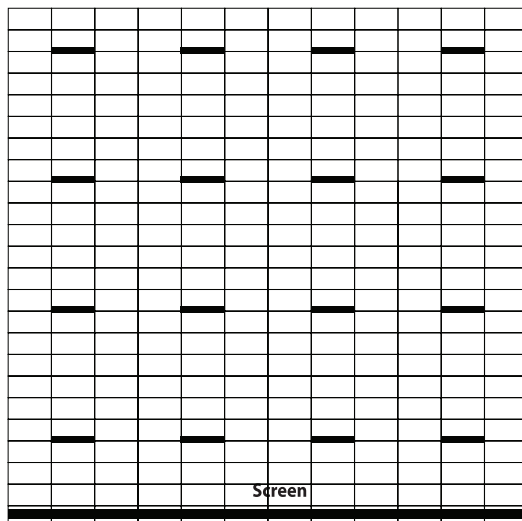


LARGE THEATRE

16 Ceiling Fixtures

Circuit A - 2ea. ADUL-320-3-4-24-DOT

Circuit B - 1ea. ADUL-320-3-4-24-DOT



LARGE THEATRE

15 Ceiling Fixtures

Circuit A - 2ea. ADUL-320-3-4-24-DOT

Circuit B - 1ea. ADUL-320-3-4-24-DOT

