

ENCHANT

Architectural Dual Edge-Lit Troffer

MODEL NO.	TYPE	PROJECT/DATE
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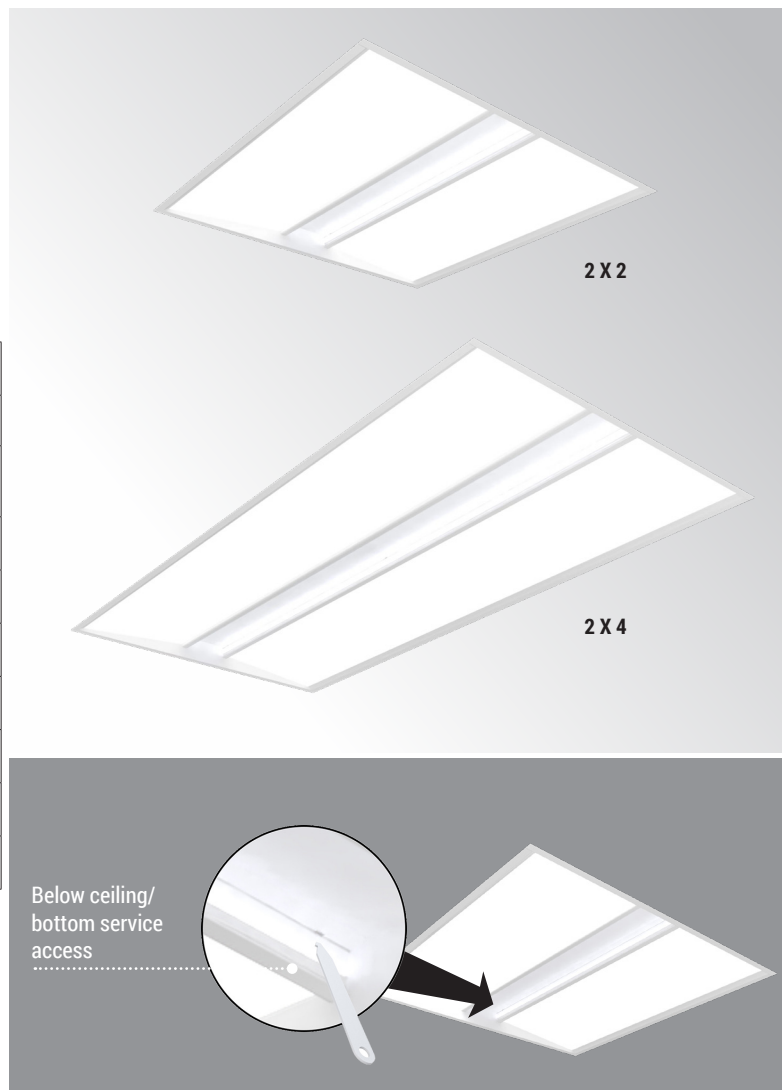
KEY FEATURES

- Dual edge-lit LED provides indirection low-glare visual comforting illumination
- Shallow housing yet rigid housing with standard CCT changeable option
- Two access point for maintenance and future control upgrade: above ceiling and below ceiling/bottom access
- Ambient illuminated center section with aesthetic pleasing louver baffled option

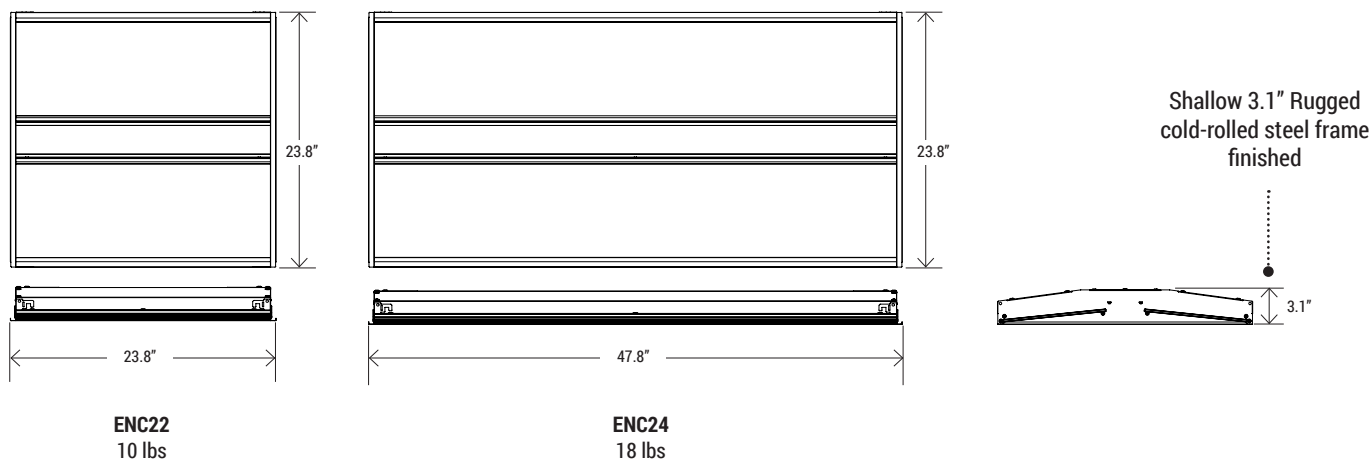
TECHNICAL SUMMARY

SIZE:	2'x2', 2'x4'
WATTAGE:	(2X2) 40W/30W/20W; (2X4) 50W/40W/30W
LUMEN/EFFICACY	(2x2) 4500LM/3300LM/2200LM; (2X4) 6000/5000/4000LM ; up to 115LM/W
INPUT VOLTAGE	120-277Vac; 120-347Vac
AVAILABLE CCT/CRI	35/40K changeable, CRI >80
CONTROL	0-10V 1%, Lutron Wireless control
VALIDATIONS	ETL & cETL damp location listed, IC rated, FCC, RoHS
LIFETIME	L70>80,000 hours, 5 year warranty
OPERATION TEMP.	-5°F ~ 104°F (AC) / 34°F ~ 104°F (with EM)
FINISH	Matte White

*Delivered lumen may vary, refer to photometric for full performance data



DIMENSIONS



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ORDERING INFORMATION

*Additional cost and/or lead time on customized fixtures may apply.

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Series	Size	Lumen Package	Input Voltage	CCT	Control	EM Option*		
ENC	22 - (2'x2')	45LC (4500/3300/2300LM)	U - (120-277V) C* - (120-347V)	CC - (35K/40K changeable) 27K - (27K)* 30K - (30K)* 50K - (50K)*	C11 - (0-10V 1% Dimming) CA1 - (0-10V with Athena Wireless Node)* CA2 - (0-10V with Athena Wireless Bi-Level Occupancy & Daylight Sensor)* CMP - (0-10V Bi-Level PIR Occupancy Sensor)* A1 - (Athena Wireless Dimming w/D4I Driver)* A2 - (Athena with Bi-Level Occupancy & Daylight Sensor w/D4I Driver)* A3 - (Athena Tunable White w/D4I Driver)*	EM1 - 8W EM backup (Factory installed)		
	24 - (2'x4')	60LC (6000/5000/4000LM)	*Made to order					

*AVAILABLE ACCESSORIES: (SOLD SEPARATELY)

*Accessories

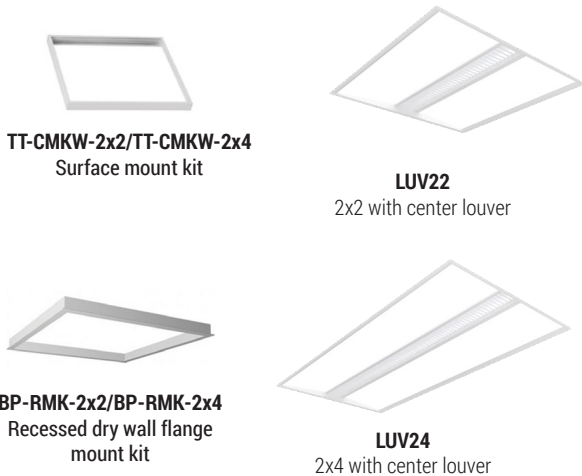
RC-100 - CMP remote programmer

LUV22/LUV24 - With center louver

BP-RMK-2x2/BP-RMK-2x4 - Recessed dry wall flange mount kit

TT-CMKW-2x2/TT-CMKW-2x4 - Surface mount kit

*Available accessories sold separately



*Athena wireless control option is dedicated lumen only, please choose the lumen output from one of the 3 lumen package base on the size, example, ENC24-60L-U-CC-A1

*The Athena wireless processor or Clear Connect gateway – Type X is required to operate an Athena wireless node in an Athena control system via a simple setup process using an iOS® or Android® compatible app. Check Lutron Athena spec for details.

*Lutron Athena wireless control is up to 100 Clear Connect – Type X devices per processor. Check Lutron Athena spec for details.

SPECIFICATIONS

CONSTRUCTION

Shallow 3.1" Rugged cold-rolled steel frame finished with polyester coating after fabrication with embossed facets. Two Injection laser-cut acrylic light guide panel with diffuse provides indirect distribution. ambient illuminated center. The middle is a below ceiling bottom access driver compartment.

FINISH

Polyester coated finish in powder coating after fabrication with embossed facets.

OPTICS/DIFFUSER

Injection molded vertical anidolic PMMA light guide panel provides wide and visual comfortable illumination. Optional central louver lens available.

ELECTRICAL

Long-life LEDs standard 35K / 40K field selectable, 120-277Vac driver with adjustable output lumen and standard 0-10V dimming, 1% dimming, Lutron Antenna wireless

MOUNTING

Drop ceiling lay-in, Dry wall recessed mount and surface mount via mounting kit.

VALIDATIONS

cETL & ETL damp location listed, IC rated, FCC compliant

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Athena
An uncompromising solution. The Athena lighting control system empowers architects, lighting designers, electrical engineers, and facility managers with a native network of lighting, lighting controls, shades, and cloud-connected software that deliver exceptional experiences and building management.

	A-WN-D01-RF-WH Plenum rated and can be installed above the ceiling for wireless control of a fixture without any impact on fixture aesthetics.
	A-WN-D01-RF-BK Plenum rated and can be installed above the ceiling for wireless control of a fixture without any impact on fixture aesthetics.
	A-WN-D01-OCC-WH Provides wireless control of the fixture and includes a passive infrared (PIR) sensor for occupancy and a daylight sensor.
	A-WN-D01-OCC-BK Provides wireless control of the fixture and includes a passive infrared (PIR) sensor for occupancy and a daylight sensor.