

REALM

Architectural Curve Edge-lit Troffer

MODEL NO.	TYPE	PROJECT/DATE
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KEY FEATURES

- Curve Edge-lit provides direct/indirection low-glare visual comforting illumination
- Shallow yet rigid housing with standard CCT changeable option
- Circadian tunable white controls by wireless lighting control option available

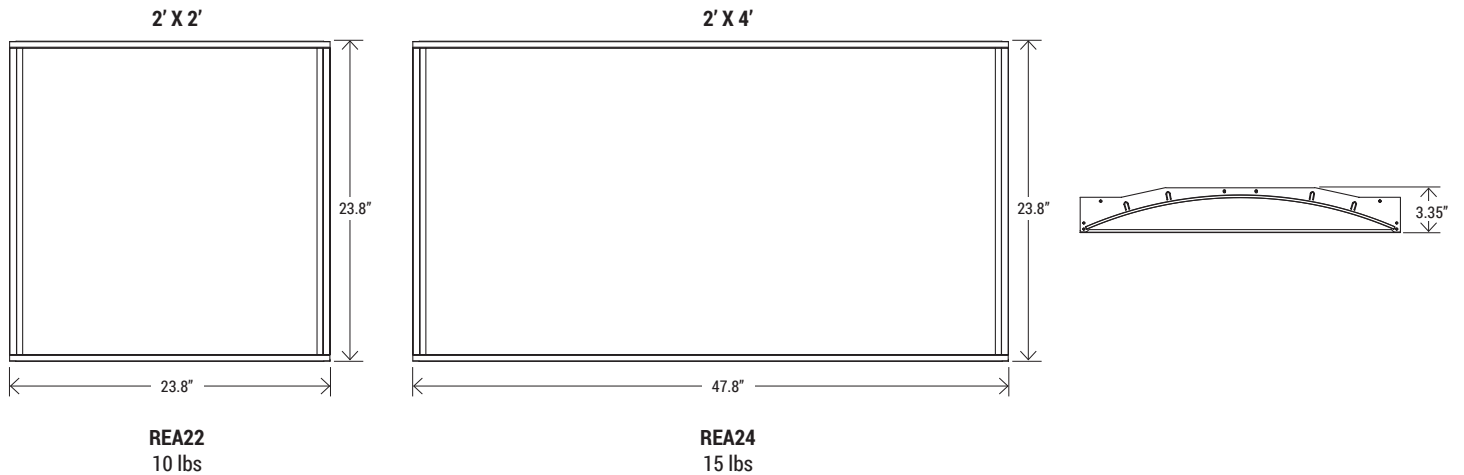
TECHNICAL SUMMARY

SIZE:	2'x2', 2'x4'
WATTAGE:	50W/40W/30W/20W, Custom
LUMEN/EFFICACY*	4500LM/3300LM/2200LM / up to 115LM/W 6000LM/5000LM/3000LM / up to 115LM/W
INPUT VOLTAGE	120-277Vac
AVAILABLE CCT/CRI	35/40K, 2700K-4000K tunable white / CRI >80
CONTROL	0-10V 1%, Lutron Wireless Control*
VALIDATIONS	cETL & ETL damp location listed, IC rated, FCC, RoHS
LIFETIME	L90>50,000 hours, 5 year warranty
OPERATION TEMP.	-5°F ~ 104°F (AC) / 34°F ~ 104°F (with EM)
FINISH	Matte White, Antimicrobial 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	Voltage	CCT	Control	EM Option*	Misc. Option*					
REA	22 - (2'x2')	45LC (4500/3300/2200LM) 60LC (6000/5000/3000LM) Custom*	U - (120-277V)	CC - (35/40K changeable) TW* - (2700K - 4000K CCT tunable) A3 only** Custom*	C1 - 0-10V dimming 1% A1* - Lutron Athena wireless dimming (A-WN-D01-RF-WH) A3* - Lutron Athena tunable white (A-WN-D01-RF-WH) **	EM1 - 8W EM backup (Factory installed)	AM - Antimicrobial finish 90RA - 90 CRI					
	24 - (2'x4')	60LC (6000/4000/3000LM) Custom*										

** TW- & A3 Must be used together

*AVAILABLE ACCESSORIES: (SOLD SEPARATELY)



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



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

*Accessories

- 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, REA24-45L-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. Laser-cut cruved acrylic light guide panel with diffuse provides indirect distribution.

FINISH

Polyester coated finish in powder coating after fabrication with embossed facets, Antimicrobial finish option available

OPTICS/DIFFUSER

Injection molded vertical anidolic PMMA light guide panel provides wide and visual comfortable illumination.

ELECTRICAL

Long-life LEDs standard 3500K and 4000K field selectable, 120-277Vac driver with adjustable output lumen and standard 0-10V dimming, 1% dimming, Lutron Antena wireless

MOUNTING

Drop ceiling lay-in, Dry wall ceiling recess via flange kit.

VALIDATIONS





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

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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.

	<p>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.</p>
	<p>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.</p>
	<p>A-WN-D01-OCC-WH Provides wireless control of the fixture and includes a passive infrared (PIR) sensor for occupancy and a daylight sensor.</p>
	<p>A-WN-D01-OCC-BK Provides wireless control of the fixture and includes a passive infrared (PIR) sensor for occupancy and a daylight sensor.</p>