

SHAPE

Architectural Luminus LED Troffer

MODEL NO.	TYPE	PROJECT/DATE
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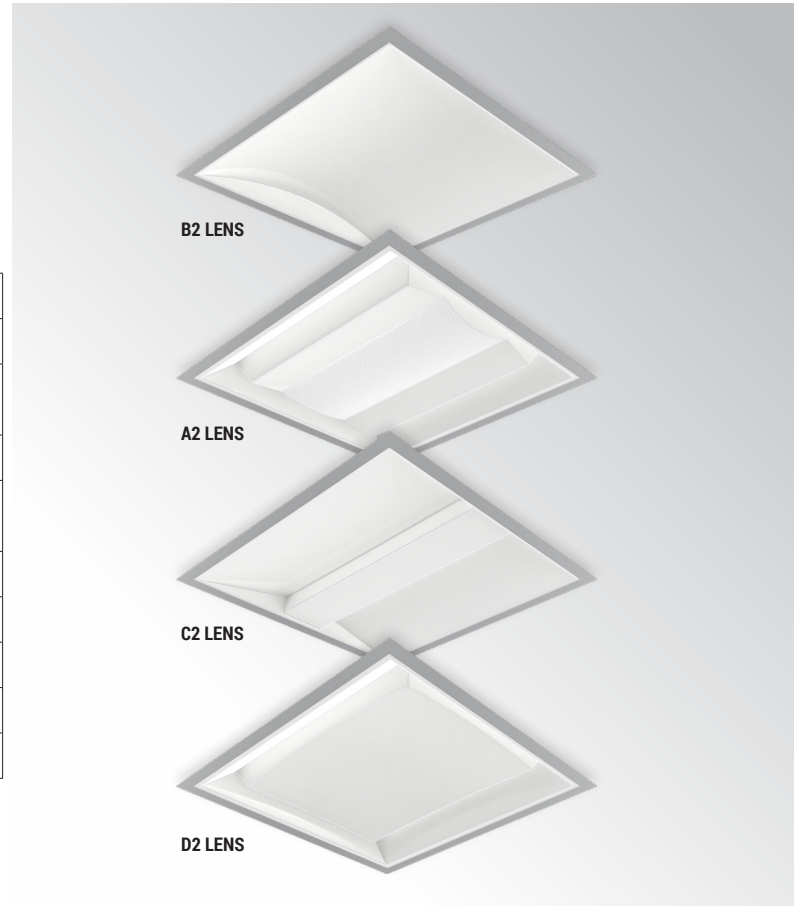
KEY FEATURES

- Four diffuser design themes to emulate architectural design trends to have suitable applications across a variety of architectural spaces
- Proprietary blend of acrylic and impact acrylic resins provide uniformed illumination
- Shallow yet rigid housing with standard CCT changeable option

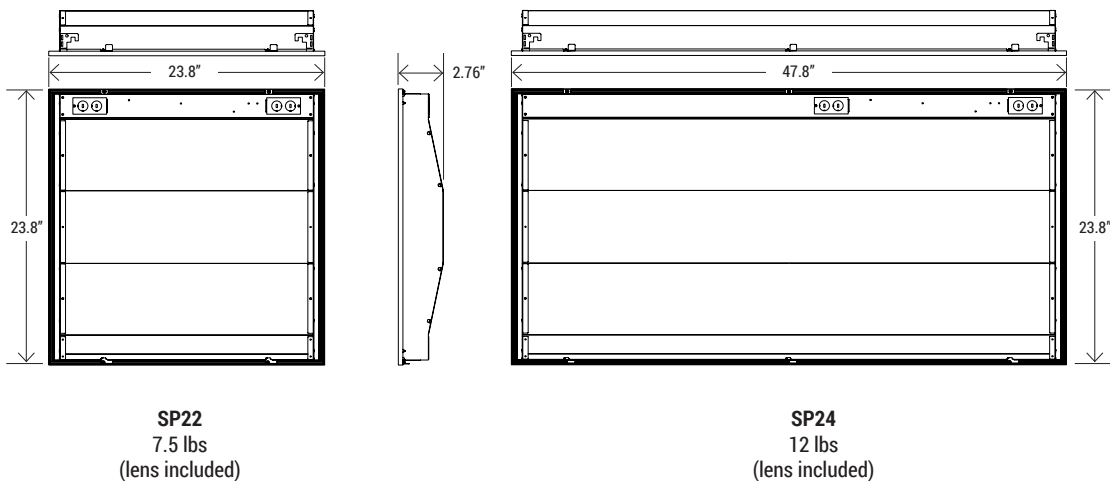
TECHNICAL SUMMARY

SIZE:	2'x2', 2'x4'
WATTAGE:	2x2: 45W/35W/25W; 2x4:55W/45W/35W
LUMEN/EFFICACY*	2X2: 4500LM/3500LM/2500LM; 2X4: 5500LM/4500LM/3500LM, UP TO 105LM/W
INPUT VOLTAGE	120-277Vac
AVAILABLE CCT/CRI	35/40K changeable/ 2700K-4000K tunable white* / CRI >80 standard, CRI >90 optional
CONTROL	0-10V 1%, Lutron Athena Wireless control
VALIDATIONS	cETL & ETL damp location listed, IC rated, FCC, RoHS
LIFETIME	L70>70,000 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.

Series	Size	Lumen Package	Input Voltage	CCT	Lens & Diffuser Type	Control	EM Option
SP	22 - (2'x2')	45LC (4500/3000/2000LM)	U - (120-277Vac)	CC - (35/40K Color Changeable) TW - (27K - 40K CCT Tunable, A3 Only)*	A2 - (Lens A for Shape 2x2) B2 - (Lens B for Shape 2x2) C2 - (Lens C for Shape 2x2) D2 - (Lens D for Shape 2x2)	C11 - (0-10V 1% Dimming) CA1 - (0-10V with Athena Wireless Node)* A1 - (Athena Wireless Dimming w/D4I Driver)* A3 - (Athena Tunable White w/ D4I Driver)**	EM1 - (8W Factory Installed Integrated EM)
	24 - (2'x4')	55LC (5500/4000/3000LM)			A4 - (Lens A for Shape 4x4) B4 - (Lens B for Shape 4x4) C4 - (Lens C for Shape 4x4) D4 - (Lens D for Shape 4x4)		

** 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
- MCF-185-8F** - Metal-clad flex whip, 18-gauge, 5 conductors
Black/White/Green/Pink/Violet)
- MCF-186-8F** - Metal-clad flex whip, 18-gauge, 6 conductors
Black(Switch hot)/Black(24/7 hot)/White/Green/Pink/Violet

*Available accessories sold separately

*Lutron 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. Refer to Lutron Athena spec for details.

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

*EM is not available for Lutron Athena wireless control option

SPECIFICATIONS

CONSTRUCTION

Shallow rugged cold-rolled steel frame finished with polyester coating after fabrication with embossed facets. Hinged door frame is extruded aluminum construction.

FINISH

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

OPTICS/DIFFUSER

4 different themes of white frosted impact modified PMMA acrylic diffuser lens manufactured in Georgia, USA.

ELECTRICAL

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

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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LUMEN OUTPUT CHART

@4000K	LOW	MID	HIGH
SP-22 (A2)	2,501 LM	3,442 LM	4,700 LM
SP-24 (A4)	3,643 LM	4,702 LM	5,789 LM
SP-22 (B2)	2,501 LM	3,442 LM	4,454 LM
SP-24 (B4)	3,643 LM	4,702 LM	5,789 LM
SP-22 (C2)	2,501 LM	3,442 LM	4,458 LM
SP-24 (C4)	3,643 LM	4,702 LM	5,789 LM
SP-22 (D2)	2,501 LM	3,442 LM	4,701 LM
SP-24 (D4)	3,643 LM	4,702 LM	5,789 LM



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.