



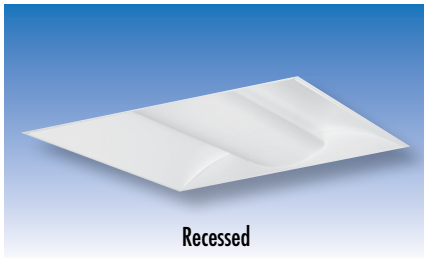
A L T U S

Simkar's Altus™ is one of the shallowest and most extensive families of T5 recessed luminaires on the market today. Altus is available in Center, Dual, and Side microperf basket configurations.

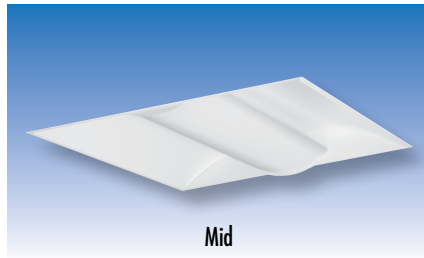
For Center basket models, Simkar has an exclusive, adjustable basket system that allows you to lower the basket and lamps two additional positions to change the light

distribution pattern, output, and look of the fixture. You can now have versatility within your lighting environments with a simple, positive lock adjustment. Our modular basket system provides the additional flexibility of creating numerous configurations to fulfill your lighting needs.

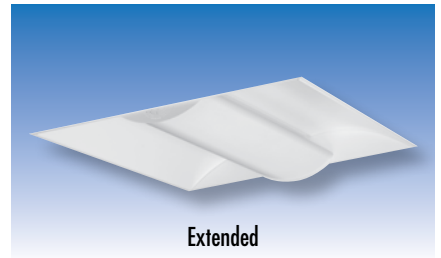
Three Height Settings



Recessed

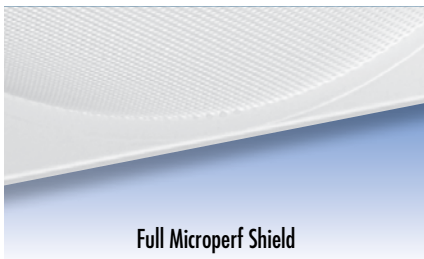


Mid

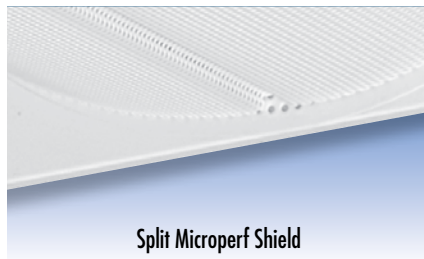


Extended

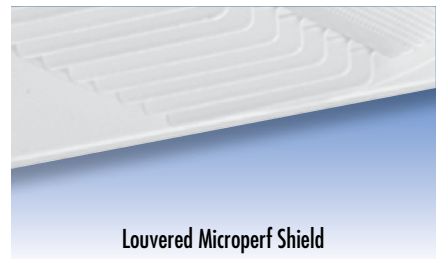
Three Basket Styles For Center Configurations



Full Microperf Shield



Split Microperf Shield

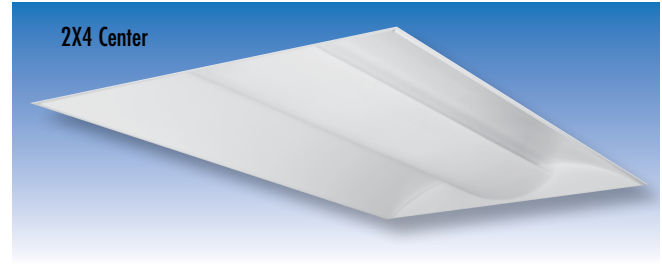
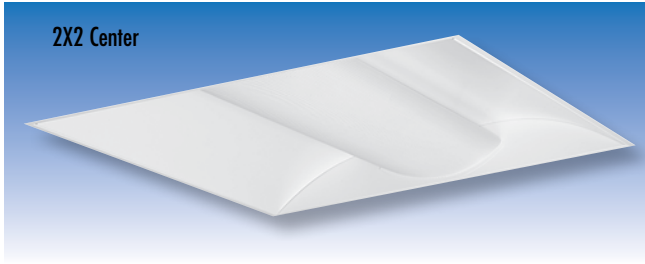


Louvered Microperf Shield

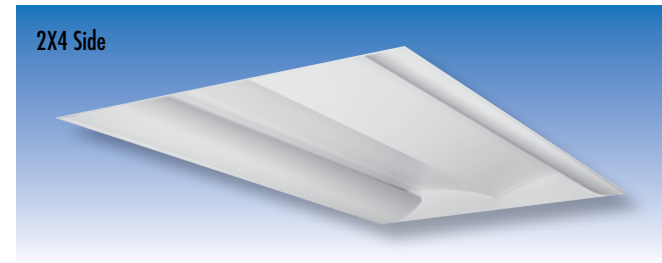
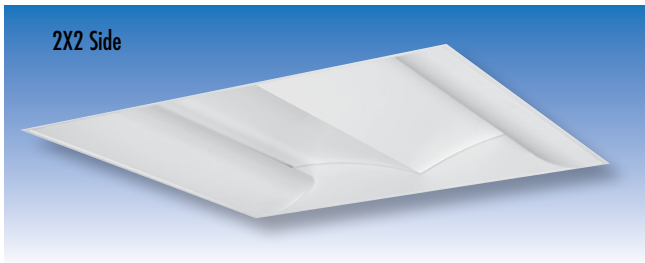
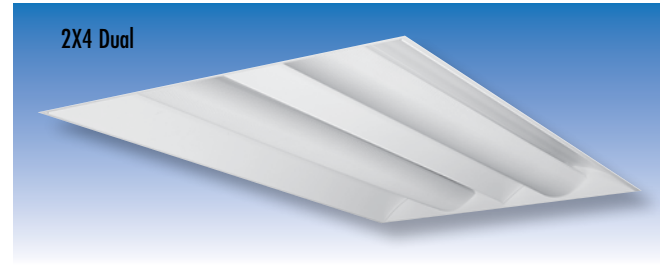
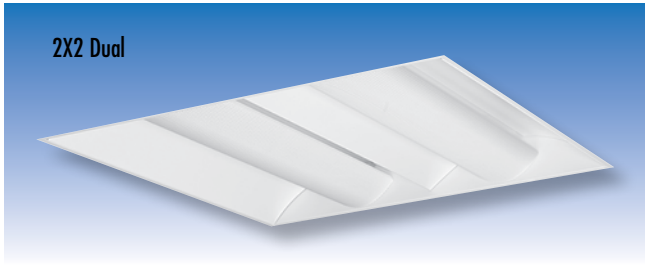
Features & Benefits

- 3.25" Low profile housing for shallow plenums.
- Low profile housings are lighter; easier to handle and install.
- Exclusive adjustable basket/lamp system for customized performance, distribution, versatility, and aesthetics.
- Innovative adjustable basket/lamp system can be set in three positions: above the ceiling, partially below the ceiling, and 1-1/8" below the ceiling (ALC only).
- Rigid unibody construction for strength and ease of installation.
- Architectural low-profile design projects a clean, modern look.
- All microperf shields come with a diffuse, white translucent inlay for visual comfort.
- Shields are securely held in place and hinge from either side for easy lamp replacement.
- Precise optical design ensures optimal performance and distributes high quality direct/indirect light to achieve uniformity and comfort throughout your work area.
- Housing, reflectors and shields are post painted with a 5-stage, non-glare, high reflectance powder coat finish for performance, durability, and aesthetics.
- Built-in earthquake brackets.
- Built-in four-corner tether hanging provisions.
- Variety of center basket styles to meet individual needs and tastes.
- Ballast access from below.
- T5 rotor-lock sockets for positive lamp retention.
- T5 Twin Tube lamp sockets with double contact construction and lamp support clips.
- Access plate for easy and convenient supply wiring.
- Completely wired electronic ballasts: Class P, Thermally Protected with auto resetting, HPF, sound rated A is standard.

2x2 And 2x4 Configurations (Adjustable)



Also Available (Non-adjustable)



Altus Ordering Information

Series	Size	Diffuser	# Lamps	Lamp Type	Ballast	Voltage
ALC = Adjustable Center Perf Shield ALD = Dual Perf Shield ALS = Side Perf Shield	22 = 2' X 2' 24 = 2' X 4'	ALC, ALD, ALS P = Perf Shield <i>ALC Only</i> SP = Split Perf Shield LP = Louvered Perf Shield	2 4 (2' x 4' only, with TTS lamps; not adjustable in AEC)	22 Size: 2' x 2' 14T5 = 14W T5, 22" 24T5H = 24W T5HO, 22" 40TTS = 40W TTS, 22" 50TTS = 50W TTS, 22" 24 Size: 2' x 4' 28T5 = 28W T5, 46" 54T5H = 54W T5HO, 46" 40TTS = 40W TTS, 22"* 50TTS = 50W TTS, 22"*	E = Electronic D = Dimming	U1 = 120-277V 347 = 347V 480 = 480V

* ALC and ALD models only

Options	Accessories Order Separately
BP = Bulk Pack, Palletized ELS1 = Emergency Lighting (low lumens; for 28W T5 only) ELS2 = Emergency Lighting (medium lumens) ELS3 = Emergency Lighting (high lumens) FL4 = 3/8", 6' flex with two #18, one ground and two connectors FL5 = 3/8", 6' flex with three #18, one ground and two connectors M = Master; includes 9' intertie and snap-in connector S = Satellite; includes snap-in connector L = Lamps Installed (Specify Lamps)	GCK22 = Sheetrock/Plaster Grid Kit for 2'x2' units GCK24 = Sheetrock/Plaster Grid Kit for 2'x4' units

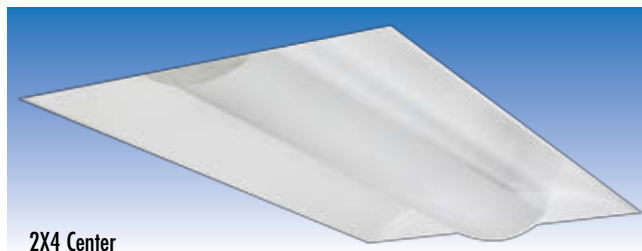
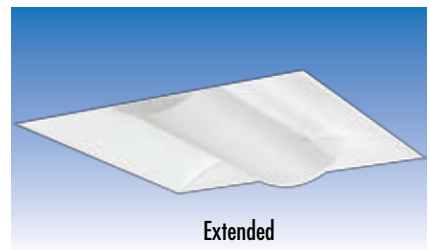
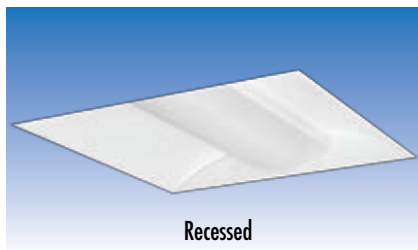


A L T U S
energy

The Altus™ Energy is Simkar's latest addition to our successful Altus family of T5 Direct/Indirect luminaires. With the push towards more green solutions, we have responded with a lens design that has all the advantages of the original Altus, but allows more light to be transmitted through the "direct" component of the system to produce a high efficiency fixture. The white translucent lenses have been carefully engineered to refract uniform light in a wide distribution pattern while allowing a low glare, high transmission solution. Unlike some competitive lensed fixtures, we have retained the indirect component of the design

to boost efficiency and enhance aesthetics. This new offering comes in two models: Center and Dual. Like its Altus sister, the center model has the exclusive, adjustable basket system that allows you to lower the lens two additional positions to increase the light output, change the light distribution pattern, and alter the look of the fixture. You have control over your lighting environments with a simple, positive lock adjustment. You now have two lighting solutions for the architectural recessed market: a perf design and a lens design!

Three Height Settings



Features & Benefits

- Low profile housing for shallow plenums.
- Low profile housings are lighter and easier to handle and install.
- Rigid, unibody construction for strength and ease of installation.
- Architectural, low profile design projects a clean, modern look.
- White translucent, refracting lens for visual comfort, uniformity, and efficiency.
- Lenses are securely held in place and hinge from either side for easy lamp replacement.
- Precise optical design ensures optimal performance and distributes high quality direct and indirect light to achieve great uniformity throughout your work area. Careful attention was paid to balancing this mixture of light to produce visual comfort and performance.
- Exclusive, Center Adjustable Lens/Lamp system for customized performance, distribution, and aesthetics.
- Innovative Center Adjustable Lens/Lamp system can be set in three positions: above the ceiling, partially below the ceiling, and 1" below the ceiling.
- Housing and Reflectors are post painted with a 5-stage, Non-glare, High Reflectance powder coat paint for performance, durability, and aesthetics.
- Built-in earthquake brackets.
- Built-in four-corner tether hanging provisions included.
- Ballast access from below.
- T5 rotor-lock sockets for positive lamp retention.
- TT5 Twin Tube lamp sockets with double contact construction and lamp support clips.
- Access plate for easy and convenient supply wiring.
- Completely wired electronic ballasts: Class P, Thermally Protected with auto resetting, HPF, sound A-rated
- Patent Pending

Housing

Housing to 3-1/4" deep, die-formed code gauge steel housing with high reflectance, non-glare white powder coat finish (90% minimum reflectance) over rust inhibiting phosphate coat. Wiring access plate provided with two knockouts and ground screw.

Electrical

T5 and T5HO technology: Ballast to be electronic, Program Start, fully wired with quick-disconnect device: Universal voltage 120 – 277VAC, 50/60Hz, Starting temperature 0°F (-18°C), < 15% THD, High-Power Factor, Thermally protected, Automatic resetting, Class P, Sound rating A.

Optics

Reflector to be die-formed, heavy gauge steel with post-painted high reflectance, non-glare white powder coat finish (90% minimum reflectance). Lens to be white translucent acrylic engineered optical uniformity and non-glare with a wave prism design. Lens to be tool-free removable and hingable from either side. AEC center lens model to be adjustable for Recessed, Mid, and Extended positions to allow for customized performance, distribution, and aesthetic flexibility.

Mounting

Mounting to be (T) Lay-in for NEMA type G, T-bar ceilings. Optional Sheetrock/Plaster Grid Kits available.

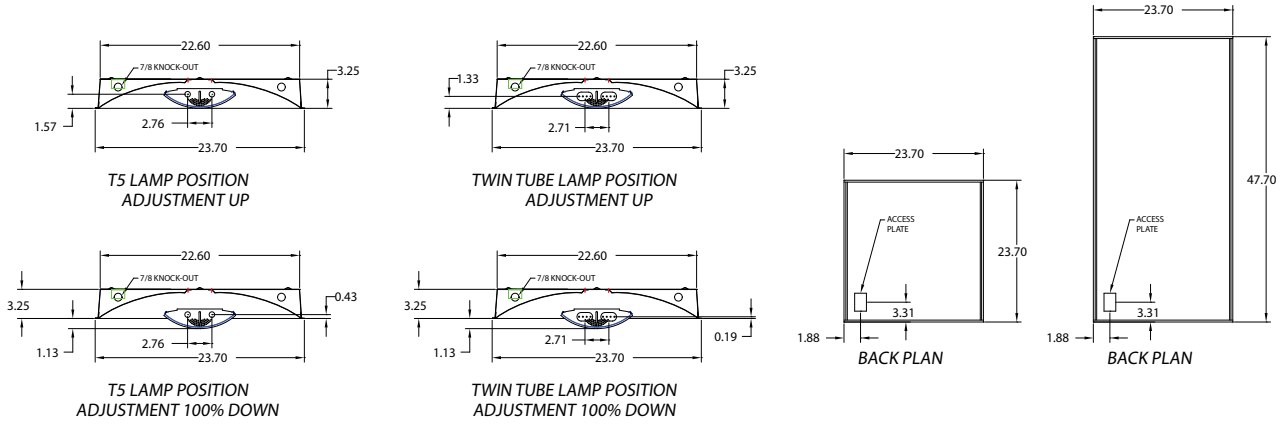
Altus Energy Ordering Information

Series	Size	Diffuser	# Lamps	Wattage / Type	Ballast	Voltage
AEC = Center Lens AED = Dual Lens	22 = 2' X 2' 24 = 2' X 4'	A = acrylic, white translucent (standard)	2 = 2 Lamps 4 = 4 Lamps (2' x 4' only, with TTS lamps; not adjustable in AEC)	<i>22 Size: 2' x 2'</i> 14T5 = 14W T5, 22" 24T5H = 24W T5HO, 22" 40TTS = 40W TTS, 22" 50TTS = 50W TTS, 22" <i>24 Size: 2' x 4'</i> 28T5 = 28W T5, 46" 54T5H = 54W T5HO, 46" 40TTS = 40W TTS, 22" 50TTS = 50W TTS, 22"	E = Electronic D = Dimming	U1 = 120-277V 347 = 347V 480 = 480V

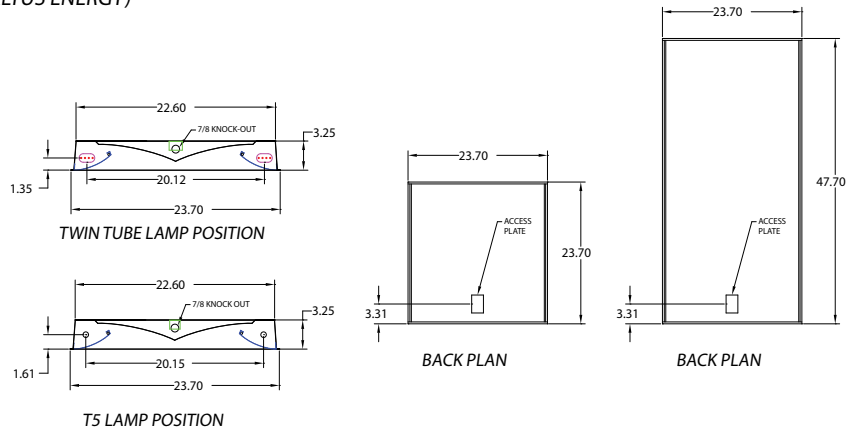
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Altus and Altus Energy Dimensions

CENTER CONFIGURATION



SIDE CONFIGURATION (NOT AVAILABLE ON ALTUS ENERGY)



DUAL CONFIGURATION

