



CONVERJ

INDOOR RECESSED LUMINAIRES

Introducing CONVERJ by Pinnacle Architectural Lighting.

THE OPTIMUM OF FEATURES

AESTHETICS + COMFORT

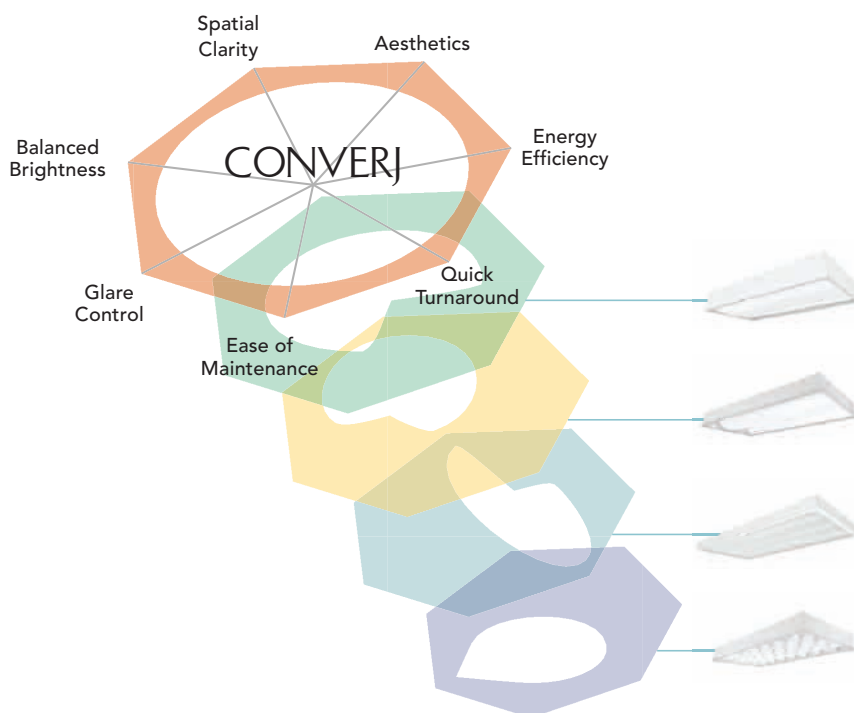
- Soft and quiet general lighting
- Clean, uncluttered aesthetic
- Unique lens design
- Balanced spatial illumination
- Controlled high angle glare

INSTALLATION + MAINTENANCE

- One-piece fully enclosed door
- Easy-to-clean smooth surfaces
- Air return option
- Surface-mount option
- Shallow-plenum installations

ENERGY

- Very high efficiency
- Low power density
- Wide range of lamping options
- Daylight sensor option
- Energy rebate qualified



NO MORE COMPROMISES.

Traditional troffer designs often require significant trade-offs between features and benefits. There's no need to compromise any longer.

With Converj, you get it all.

TYPICAL HIGH-END RECESSED

- Long turnaround times
- High cost

TYPICAL RECESSED INDIRECT

- Low efficiency
- Difficult maintenance

TYPICAL COMMODITY VOLUMETRIC

- High glare
- Non-uniform brightness

TYPICAL PARABOLIC

- Low efficiency
- Visual discomfort



CONVERJ

THE FIRST RECESSED LUMINAIRE TO GIVE YOU MORE OF WHAT YOU'RE LOOKING FOR.



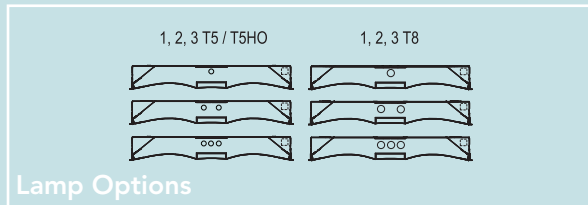
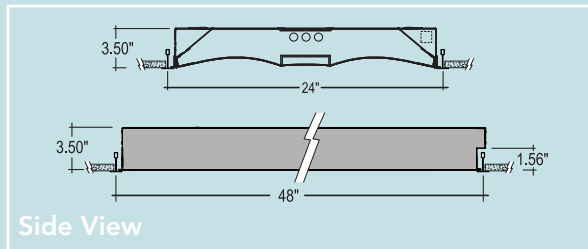


SOFT, NATURAL, QUIET LIGHT FOR WORKSPACES



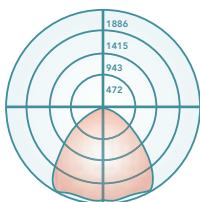
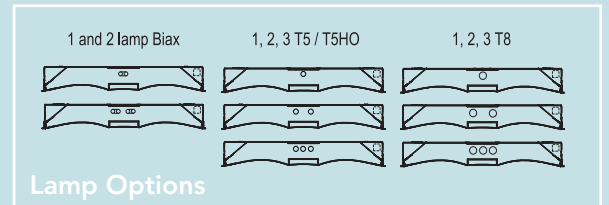
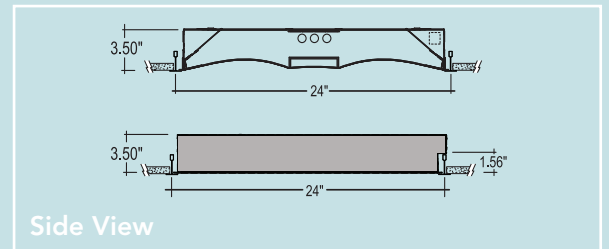
2 x 4 LUMINAIRE

The clean, sophisticated 2x4 softly and gently illuminates all room surfaces providing spatial clarity. Available up to 3 lamps in cross section, the 2x4 is ideal for open offices, healthcare, educational and retail applications. The superior luminaire efficiency allows for lighting power density as low as 0.60 W/sq ft.

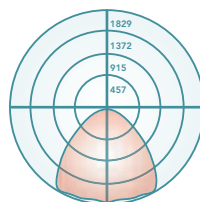


2 x 2 LUMINAIRE

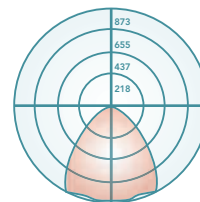
Converj's 2x2, 80%+ efficiency makes it an ideal solution for projects where conservation is critical. The distinct architectural lens blends seamlessly into the ceiling creating a quiet, unobtrusive space. Converj offers 4 lamping options: T5; T5HO; T8 and Biax; and up to 3 lamp configurations in most options.



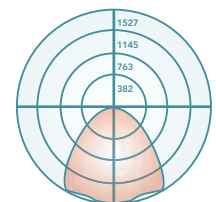
CONVERJ 2x4 – 2T5 28W
85% efficiency



CONVERJ 2x4 – 2T8 32W
82.1% efficiency



CONVERJ 2x2 – 2T5 14W
82.8% efficiency

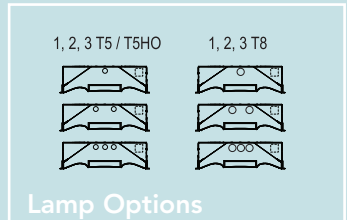
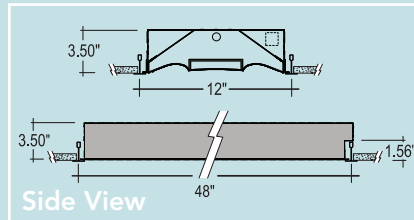


CONVERJ 2x2 – 1BX55 55W
81.7% efficiency

1 x 4 LUMINAIRE



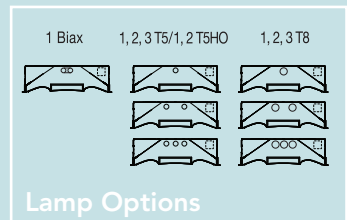
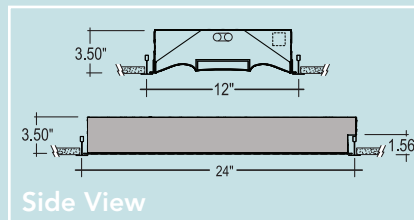
The sleek 1x4 design can be used to create long, continuous rows of light. Utilize 1x4s in long corridors and smaller scale public or office spaces.



1 x 2 LUMINAIRE



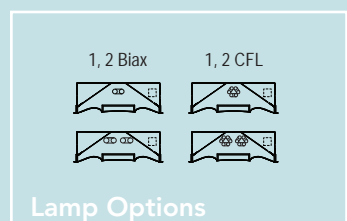
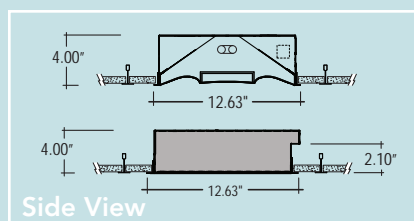
The unique 1x2 size is an ideal solution for smaller private offices, conference rooms or public facilities. Available in Biax and 1, 2 lamp configurations of T5, T5HO and T8. T5 and T8 available in 3 lamp configuration.



1 x 1 LUMINAIRE



Add ambient lighting to your project with the simple, elegant design of Pinnacle Lighting's 1x1 luminaire. The 1x1 installs into grid and inaccessible ceilings and utilizes the same one-piece door frame for easy maintenance.

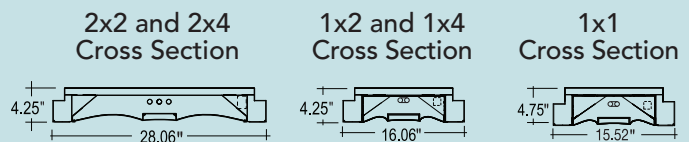




SURFACE MOUNT

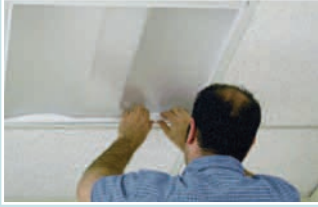


The Converj surface mount allows for design consistency in spaces where recessed lighting is not an option. The sleek frame creates a dramatic look without sacrificing performance. The surface mount is available on all Converj housing sizes (2x4, 2x2, 1x4, 1x2 and 1x1) and all lampping options.



Side View

Effortless maintenance at an affordable cost.



Prepare to Open

Locate stamped "O" on fixture bulkhead. Gently pull down on fixture end where lens meets flange to release one-piece door frame.



Door Opening

One-piece door frame swings open allowing access to the lamp(s).



Changing Lamps

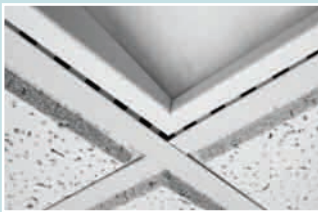
Door frame remains captive to fixture during lamp maintenance.



Ballast Maintenance

Open one-piece door frame. Ballast is fully accessible once ballast cover is removed. Door remains captive to fixture during ballast maintenance.

More options for higher versatility.



AIR RETURN

The easily-installed optional air return provides air flow on all four sides of the luminaire minimizing the impact to the aesthetics.



DAYLIGHT SENSOR

Achieve additional energy savings by reducing unneeded illumination.

LUMINAIRE SPECIFICATION

Housing	Lamps	Mounting	Voltage	Circuit/Wiring ⁸	Finish	Options
CJ22A 2x2, Satine Lens CJ22R 2x2, Round Perf CJ22L 2x2, Linear Slot CJ22B 2x2, Baffle	2x2 Only 1BX40- (1) 40W Biax 2BX40- (2) 40W Biax 1BX55- (1) 55W Biax 2BX55- (2) 55W Biax	Acoustical Grid Ceiling G1- 1" Ceiling Grid G9- 9/16" Ceiling Grid GS- Screw Slot Ceiling Grid Inaccessible Ceiling FL- Standard Flange (Separate drywall kit) S- Surface Mount	120- 120 V 277- 277 V 347- 347 V ¹ UNV- UNV (120/277)	1C- Single Circuit, Normal 2C- Dual Circuit, Normal ² 1D- Single Circuit Dimming ^{2,8} 2D- Dual Circuit Dimming ^{2,8} 1E- Single Circuit with Emergency Circuit ^{3,8} 1B- Single Circuit with Battery Pack ^{3,8}	W- White	QS- Quick Ship ⁴ TW- Through-Wired ⁵ SW- Step Switching ⁶ GLR- Internal Fast-Blow Fuse AR- Air Return CP- Chicago Plenum DSM- Remote Daylight Sensor Master ^{6,7} (Sensor Included) DSS- Remote Daylight Sensor Satellite ^{6,7} (Sensor Not Included) FW6- 6', 18-gauge, Flex Whip FW12- 12', 18-gauge, Flex Whip AM- Antimicrobial Paint SI- Seismic Clips
CJ24A 2x4, Satine Lens CJ24R 2x4, Round Perf CJ24L 2x4, Linear Slot CJ24B 2x4, Baffle	2x2, 2x4, 1x4 and 1x2 1T5- (1) T5 2T5- (2) T5 3T5- (3) T5 1T5HO- (1) T5HO 2T5HO- (2) T5HO 3T5HO- (3) T5HO ⁹ 1T8- (1) T8 2T8- (2) T8 3T8- (3) T8					
CJ14A 1x4, Satine Lens CJ14R 1x4, Round Perf CJ14L 1x4, Linear Slot CJ14B 1x4, Baffle	1x2 Only 1BX40- (1) 40W Biax 1BX55- (1) 55W Biax					
CJ12A 1x2, Satine Lens CJ12R 1x2, Round Perf CJ12L 1x2, Linear Slot CJ12B 1x2, Baffle	1x1 Only 1BX18- (1) 18W Biax 2BX18- (2) 18W Biax 1CF26- (1) 26W CFL 2CF26- (2) 26W CFL 1CF32- (1) 32W CFL 1CF42- (1) 42W CFL					
CJ11A 1x1, Satine Lens CJ11R 1x1, Round Perf CJ11L 1x1, Linear Slot CJ11B 1x1, Baffle						

¹ Consult factory for 347 volt ballast.

² Dual circuit available for 2 (side-by-side) and 3 (inboard/outboard) lamp configurations.

³ Emergency circuit or battery to be on center lamp with 3 lamp configurations.

⁴ Quick Ship Product includes 2x2, 2x4, 1x4, T5, T5HO, T8 and Biax, Universal voltage, White finish, Chicago Plenum, single and dual circuit only. Consult factory for dimming, battery packs, and sensors.

⁵ Individual fixtures mounted in continuous pattern. Fixtures cannot be joined.

⁶ See specific specification sheet for details and limitations.

⁷ Requires a 0-10 volt dimming ballast. Not available on all lamping or housing sizes. See specification sheets for details.

⁸ Some Converg configurations will not accommodate all electrical options. Consult factory.

⁹ Not available with 1x2.

Specifications and dimensions subject to change without notice. Marketing information on pinnacle-ltg.com is the most recent version and supersedes all previously printed or electronic versions.

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 Sept. 2009, U.S. Patent Pending

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