

CONSTRUCTION Formed 20 gauge cold rolled steel housing. Highly reflective die-formed white painted reflector. Wiring access available on both side and top of housing.

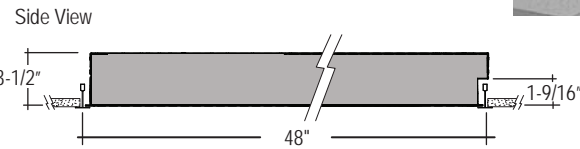
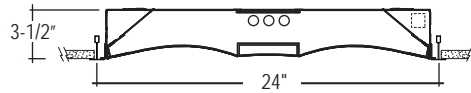
OPTICS Unique twin-arched wings and articulated center spine utilize a proprietary layered lens creating a fully luminous housing with optimal glare control. High reflective white reflectors maintain uniform lens brightness.

ELECTRICAL T5, T5HO: Program start 120/277 volt integral electronic ballast with less than 10% THD. T8: Instant start 120/277V electronic ballast with less than 10% THD. Standard single circuit. Each ballast provided with disconnects to meet luminaire disconnect code requirement.

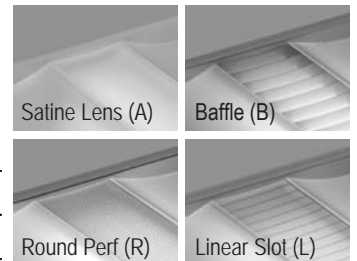
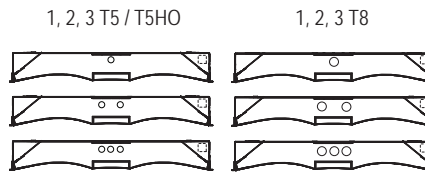
MOUNTING Converj is designed to install flush into acoustical grid and inaccessible ceilings. Specify G1, G9 or GS for acoustical grid ceiling. Specify FL for inaccessible ceilings. Consult factory for detailed installation instructions.

FINISH Powder-coat white painted finish on exposed trim.

LABELS UL and cUL Listed, approved for dry/damp location unless otherwise noted.



Lamp Options



LUMINAIRE SPECIFICATION

Sample Catalog #: CJ24A-2T5HO-G1-120-1C-W

CJ24_ - _ _ _ - _ _ - _ _ - W - _ _ _

HOUSING	LAMPS	MOUNTING	VOLTAGE	CIRCUIT/WIRING ⁸	FINISH	OPTIONS
CJ24A- Converj 2X4 Recessed with Satine Lens	1T5- (1) 28W T5 2T5- (2) 28W T5 3T5- (3) 28W T5	Acoustical Grid Ceiling G1- 1" Ceiling Grid G9- 9/16" Ceiling Grid GS- Screw Slot Ceiling Grid	120- 120V 277- 277V 347- 347V ¹ UNV- UNV ² (120/277)	1C- Single Circuit, Normal 2C- Dual Circuit, Normal ³ 1D- Single Circuit Dimming ⁸ 2D- Dual Circuit Dimming ^{3,8} 1E- Single Circuit with Emergency Circuit ^{4,8} 1B- Single Circuit with Battery Pack ^{4,8}	W- White	QS- Quick Ship ⁵ TW- Through-Wired ⁶ SW- Step Switching (T5, T5HO, T8) ⁸ DSM- Integral Daylight Sensor Master - Sensor Included (T5, T5HO, T8) ⁷ DSS- Integral Daylight Sensor Satellite - Sensor Not Included (T5, T5HO, T8) ⁷ GLR- Internal Fast-Blow Fuse AR- Air Return CP- Chicago Plenum FW6- 6', 18-gauge, Flex Whip FW12- 12', 18-gauge, Flex Whip AM- Antimicrobial Paint SI- Seismic Clips
CJ24R- Converj 2X4 Recessed with Round Perf	1T5HO- (1) 54W T5HO 2T5HO- (2) 54W T5HO 3T5HO- (3) 54W T5HO	Inaccessible Ceiling FL- Standard Flange (Separate drywall kit)				
CJ24L- Converj 2X4 Recessed with Linear Slot	1T8- (1) 32W T8 2T8- (2) 32W T8 3T8- (3) 32W T8					
CJ24B- Converj 2X4 Recessed with Baffle						

¹Consult factory for 347 volt ballast.

²Not available for use with a battery pack.

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

⁴Emergency circuit or battery pack to be on center lamp with 3 lamp configurations.

⁵Quick Ship includes T5, T5HO, T8, Universal voltage, white finish, Chicago Plenum, single and dual circuit. Consult factory for dimming, battery packs and sensors.

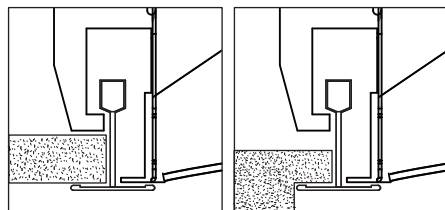
⁶Individual fixtures are through-wired for continuous pattern. Fixtures cannot be joined.

⁷See back page for ordering information. Requires 0-10 volt dimming.

⁸Some Converj configurations will not accommodate all options. Consult factory.

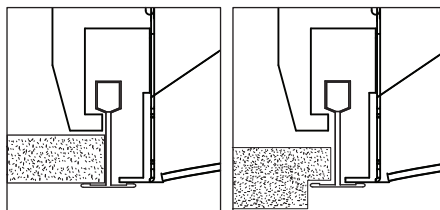
MOUNTING DETAIL

G1 (1" Ceiling Grid) Mounting Options



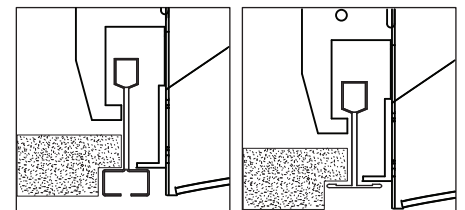
1" Grid with Standard Tile | 1" Grid with Tegular Tile

G9 (9/16" Ceiling Grid) Mounting Options

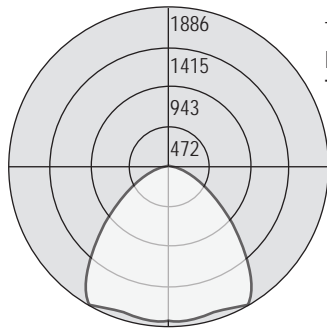


9/16" Grid with Standard Tile | 9/16" Grid with Tegular Tile

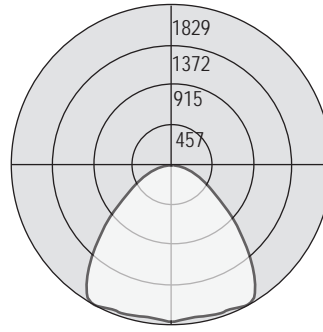
GS (Screw Slot Grid) Mounting Options



Screw Slot Grid | 9/16" Grid with Tegular Tile (fixture flush with tile)



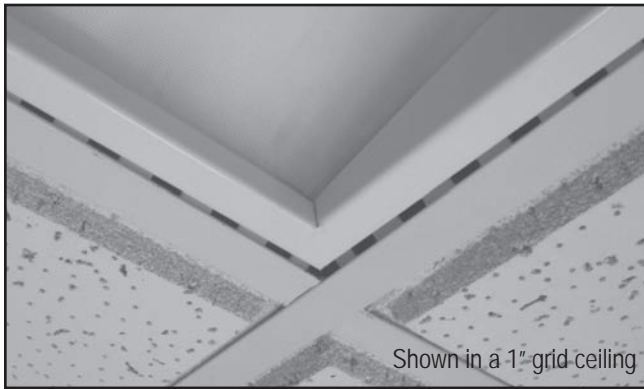
Test # 203065
Lamp: (2) 28W T5
Total Luminaire Efficiency: 85.0%



Test # 203067
Lamp: (2) 32W T8
Total Luminaire Efficiency: 82.3%

FEATURES AND OPTIONS

• AIR RETURN



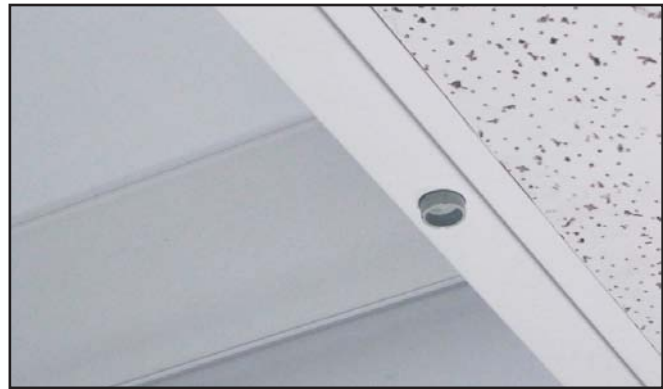
Shown in a 1" grid ceiling

APPLICATION: Air Return is an alternative method for allowing air to access the plenum. Optional Air Return blends into ceiling grid with minimal slot visibility.

TECHNICAL: Air Return component is supplied integral to the fixture housing. Made of 20 gauge cold rolled steel painted to match fixture housing. 5/16" diameter holes are spaced 5/8" on center to allow air to pass between housing and ceiling grid.

ORDERING INFORMATION: Specify Air Return in the options section of the part number. (Sample Catalog #: CJ24A-1T5-G1-120-1C-W-AR)

• INTEGRAL DAYLIGHT SENSOR

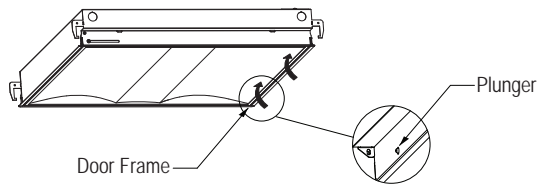


APPLICATION: Daylight sensor is a turn key solution for lighting control. Integral sensor is wired to the 0-10 volt dimming ballast at the factory. No additional wiring is required by the contractor.

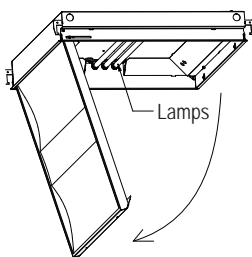
DAYLIGHT SENSOR: Daylight sensor dims lights based on electric light and presence of daylight. Sensor can control up to 20 dimming ballasts. Sensor is factory calibrated to 45 footcandles (fc), adjustable by 1/3 to 3 times the default setting by rotating the aperture.

ORDERING INFORMATION: Specify "DSM" or "DSS" in the Options section of the part number when ordering Integral Daylight Sensor. Daylight Sensor Master (DSM) includes the fixture with sensor and dimming ballast. Controls DSS units. Daylight Sensor Satellite (DSS) includes the fixture with a sensor compatible dimming ballast only. Must be used in conjunction with a DSM unit. (0-10v) dimming must be utilized. (Sample Catalog #: CJ24A-1T5-G1-120-1C-W-DSM)

• LAMP MAINTENANCE

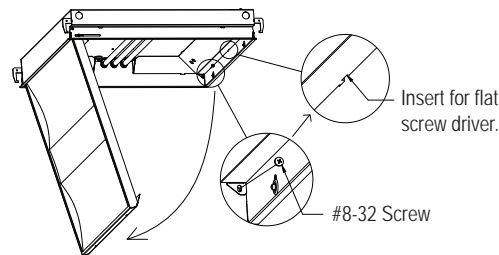


OPENING THE LENS: Push lens up to locate plungers. Plungers are above the lens on the inside of the fixture. Depress both plunger heads with fingers and simultaneously pull door frame down.

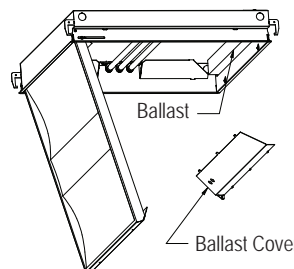


ACCESSING THE LAMPS: Lamps are accessible once lens is open. Door frame remains captive to fixture housing during lamp maintenance.

• BALLAST MAINTENANCE



REMOVING BALLAST SCREWS: Remove screw holding the ballast cover to fixture. Remove cover by inserting a flat screw driver through the slot.



REMOVING BALLAST TRAY: Ballast cover easily comes off. Ballast is now accessible from room side of fixture.