

WCB Shown



FEATURES

- Precision optical design produces high efficiency in a high visual comfort architecturally styled direct/indirect distribution
- Custom perforated metal basket is backed by a high transmission lamp obscuring overlay
- Optimized coating process and unique paint formulation provide exceptional reflectivity in a matte finish for a soft visual image and balanced basket and reflector illumination
- Completely recessed, provides a clean ceiling with uniform illumination at mounting heights as low as 8 feet
- Available for use with T8, T5 or T5HO linear fluorescent lamps
- Optional acrylic dust guard pivots to seal lamp compartment against contaminants especially for schools, medical facilities and public spaces
- Companion center basket (STE), side basket (STS) and pendant (STP) models available.
- Available with exclusive wiHUBB technology preinstalled
 - Peer to peer, self-healing wireless mesh network
 - Integrated control system for 0-10VDC or step dimming, or On/Off

PROJECT INFORMATION

Project Name _____

Type _____

Catalog No. _____

Date _____

CONSTRUCTION

Luminaire housing and end caps are die formed code gauge cold rolled steel. The sturdy reflector is stiffened with linear forms, profiled to a precision curve. Choice of open straight blade baffle or aluminum parabolic insert in perforated basket by high transmission overlay for improved optical efficiency plus lamp obscuration. Perforated panels, white steel cross baffle and all reflective surfaces are finished after fabrication with unique formula high reflectivity matte white paint for soft, uniform indirect illumination.

Cross baffle designs feature thermoplastic light traps that snap into the housing at both ends of the basket to prevent light leaks. Basket hinges down for easy access to center wireway. Parabolic styles feature spring steel louver retainer.

INSTALLATION

An access plate is furnished with each luminaire for fast wiring access from the plenum. No need to open fixture. Fixtures with two ballasts or emergency-equipped fixtures may require using end wireway access.

ELECTRICAL

Standard class "P," thermally protected, auto-resetting HPF ballast, sound rated A. All ballast leads extend a minimum of 6" through access location. NEC/CEC-compliant ballast disconnect is standard.

CEILING COMPATIBILITY

NEC-compliant T-Bar clips supplied with all grid trim fixtures. See ceiling details on reverse. For type SG ceilings order G trim. Fixture will be regressed 3/8" from the face of the ceiling tee. For hard ceilings order G trim and FK flange accessory. Assemble then support FK accessory at the ceiling plane using tie wires (by others). Contact your Columbia representative for compatibility information for specific ceiling types or for continuous row applications in hard ceilings.

CERTIFICATION

All luminaires are built to UL 1598 standards and bear appropriate UL and cUL or CSA labels. Damp location labeling is standard. Emergency-equipped fixtures labeled UL 924.

ORDERING INFORMATION

EXAMPLE STEL22-240TT-WCBMPO-ETTU

MODEL	NO. OF LAMPS	CEILING TYPE	SHIELDING	VOLTAGE	OPTIONS
STEL Stratus® E-Series Center Louver Recessed Indirect	2 Two 3 Three	G Grid Lay-in SM Surface Mount	MPO Metal Perf w/Overlay	U 120V-277V 347 347V	GLR Fast Blow Fuse GMF Slow Blow Fuse EL Emergency Battery Pack DG Dust Guard NYC NYC Compliant NYCU NYC Compliant, Union Label WIH wiHUBB Enabled ¹
SIZE	LAMP TYPE	LOUVER TYPE	BALLAST		
22 2' x 2'	40TT Twin Tube Compact, 2G11 Base: 40 Watt 50TT Twin Tube Compact, 2G11 Base: 50 Watt	High Efficiency (H)* HLS Low Iridescent Specular HMA Matte Anodized Low Iridescent Semi-Specular White Steel Cross Baffle WCB White Cross Baffle WPB White Perforated Cross Baffle WCBO White Cross Baffle with Baffle Overlay WPBO White Perforated Cross Baffle with Baffle Overlay	ETT Electronic Twin Tube, Instant Start EPTT Electronic Twin Tube, Programmed Start		

*Not available in 3-Lamp TT cross section

ACCESSORIES (ORDER SEPARATELY)

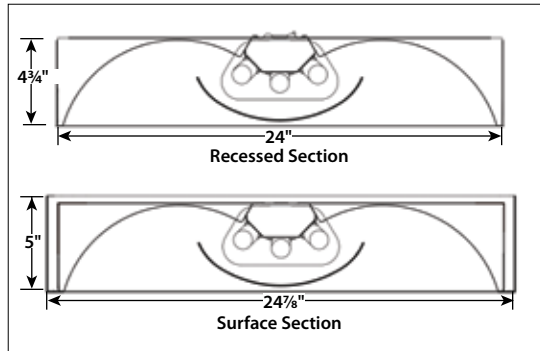
FK22 2' x 2' Single Flange Kit (Shipped separately)

¹ Not available with Surface Mount Ceiling Types



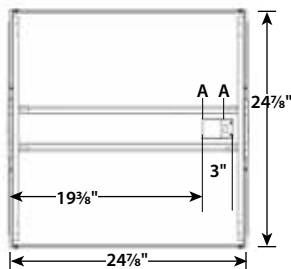
PHOTOMETRIC DATA- CONTACT FACTORY

DIMENSIONAL DATA

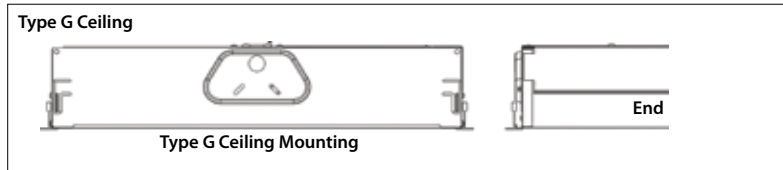


Top View

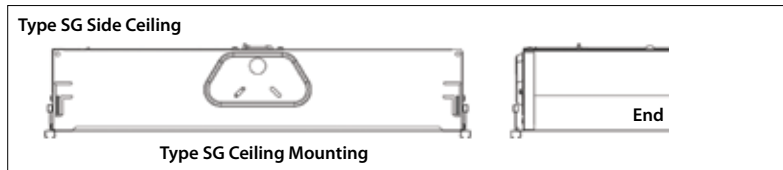
Surface Mount K.O. Dimensions
A: 2" x 3" Access with (2) 7/8" Mount Supply Knockouts



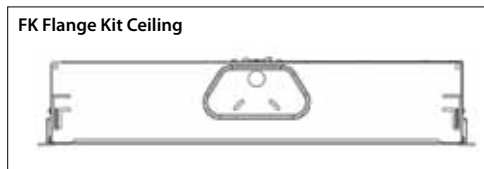
CEILING COMPATIBILITY



For lay-in installation in exposed grid ceilings. Maximum tee widths of 1" and maximum heights of 1 1/2" allowed.



For 3/8" slot grid type ceilings. Luminaire will be regressed 3/8" horizontal surface of the tee. Slot grid tees must be field installed all around the fixture.



For hard ceiling applications, fixtures must be ordered with a flange kit that wires directly into the concealed ceiling opening for a clean finished appearance. For row configurations contact your local Columbia Representative.

Flange kit cut out dimension for single FK22 only: 24 3/8" x 24 3/8"

NOTE: All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.