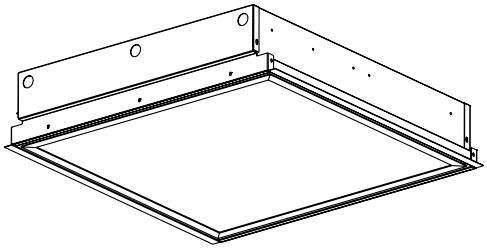
Columbia LIGHTING

CRS-2

2' × 2' Cleanroom Fixture / 2, 3, or 4-Lamp T5, T5HO, T8



FEATURES

- Class 1 Cleanroom certified for any application
- 1½" T-Bar standard, 1" or 2" optional
- Anodized extruded aluminum door frame
- One-piece, 18 gauge stainless or carbon steel doors available
- Meets Federal Standard No. 209E for Class 1 cleanrooms and ISO 14644-1 Class 6 cleanrooms

PROJECT INFORMATION

Project Name _____ **Type** _____

Catalog No. _____ **Date** _____

CONSTRUCTION
Heavy duty channel is constructed of die-formed code gauge steel. All holes in housing are completely closed with silicone sealant. Both housing and door frame are sealed with gasketing. Full length steel ballast cover and socket plates completely enclose all wiring. Fixture is designed for installation into either 1½" wide face T-Bar used in clean rooms as standard with 1" T-Bar as option.

BALLASTS
Energy efficient, thermally protected, automatic resetting, Class P, high power factor, sound rated A, unless otherwise specified. CEE NEMA Premium compliant.

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

FINISH
All painted parts are processed with a multi-stage phosphate bonding treatment and finished with a high temperature baked white enamel after fabrication. Internal reflecting parts will have a reflectance of 90%.

SHIELDING
Lens is constructed of acrylic material with many pattern and thicknesses available. The door frame is of anodized extruded aluminum material. Also, a one piece 18 gauge stainless steel or carbon steel door is available.

CERTIFICATION
All luminaires are built to UL 1598 standards and bear appropriate UL and cUL or CSA labels. Damp location labeling is standard and Wet Location labeling is an option. Emergency-equipped fixtures labeled UL 924. Meets Federal Standard No. 209E for Class 1 cleanrooms and ISO 14644-1 Class 6 cleanrooms . UL Sanitation Approved.

ORDERING INFORMATION

EXAMPLE CRS22-317G-FCSA12-3EU

CRS 22 – ____ ____ – ____ – ____ – ____

MODEL
- **CRS** Cleanroom, Class 1

SIZE
- **22** 2' × 2'

NO. OF LAMPS IN CROSS SECTION
- **2** Two
- **3** Three
- **4** Four

LAMP TYPE
- **14** 2', T5: 14 Watt
- **17** 2', T8: 17 Watt
- **24** 2', T5HO: 24 Watt
- **31U1** U-Bent, 1⅝" Leg Spacing T8: 31 Watt (2 and 3-Lamp only)
- **32U6** U-Bent, 6" Leg Spacing T8: 32 Watt, (2-Lamp only)
- **40TT** 2', Twin Tube, 2G11 Base: 40 Watt (2 and 3-Lamp only)

CEILING TYPE
- **G** Lay-in Inverted 1½" Grid
- **F** Flange with Wing Hangers
- **S** Surface Mount

LENS
- **A12** Pattern 12 Acrylic Lens
- **A12125** Pattern 12 Acrylic Lens, 0.125" Nominal
- **A12125M** Pattern 12 Acrylic Lens, 0.125" Minimum
- **A19** Pattern 19 Acrylic Lens, 0.156" Nominal
- **RF12125** Pattern 12 Acrylic Lens, Radio Frequency Suppressed, 0.125" Nominal[3]
- **SASRF** Surgical Symmetric/Asymmetric Configuration with RFI Grounding Overlay[3]

DOORS
- **FA** Flush Aluminum
- **FCS** Flush One-Piece Carbon Steel Door[1]
- **FSS** Flush One-Piece Stainless Steel Door[1]

BALLAST
- **E** Electronic T8, Instant Start
- **3E** 3-Lamp Electronic T8, Instant Start
- **4E** 4-Lamp Electronic T8, Instant Start
- **EP** Electronic T5 or T8, Programmed Start
- **3EP** 3-Lamp Electronic T5HO or T8, Programmed Start
- **4EP** 4-Lamp, Electronic T5 (N/A 347V) or T8, Programmed Start
- **EPTT** Electronic Twin Tube, Programmed Start

VOLTAGE
- **U** 120V-277V
- **347** 347V

OPTIONS
- **1T** 1" T-Bar
- **GLR** Fast Blow Fuse
- **RIF** Radio Interference Filter[3, 4]
- **WL** Wet Location[3]
- **EL** Emergency Battery Pack

[1] Not available for 1½" or 2" grid, RF12125 or SASRF lens.

[2] Ballasts may not be available in all combinations of lamp/voltage/starting temp/THD shown above. Contact your local Columbia Representative for more details.

[3] When using electronic ballasts, Radio Frequency Interference (RFI) cannot be blocked by an RFI filtering lens to the levels specified by MIL std 461. RFI reflected back onto the primary line by the ballast can be blocked by this RFI filter.

[4] One per ballast.

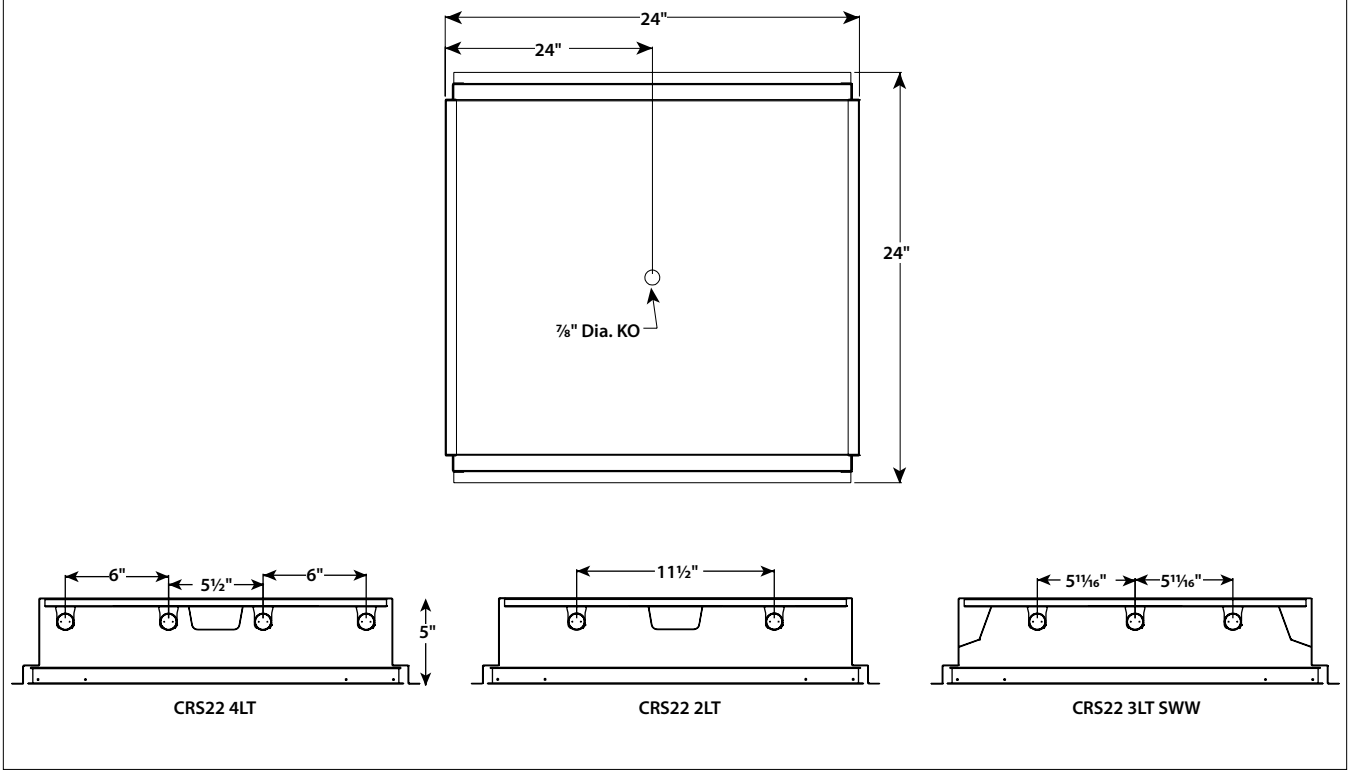
[5] Not available with emergency battery pack.

701 Millennium Blvd. Greenville, SC 29607 / Tel **864.678.1000** / Website **www.columbialighting.com**

HUBBELL Lighting

PHOTOMETRIC DATA - CONTACT FACTORY

DIMENSIONAL DATA



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

701 Millennium Blvd. Greenville, SC 29607 / Tel **864.678.1000** / Website **www.columbialighting.com**