



FEATURES

- Extremely efficient fluorescent luminaire replaces HID in retail and industrial applications
 - Energy savings up to 51%
 - Excellent lumen maintenance (94%-95% versus ~65% for typical metal halide)
 - Higher maintained lumens per watt (up to 83, versus 40 for typical metal halide high bay)
 - Instant restrike
 - Consistent color
 - Superior color rendering (82-84 CRI, versus 65-70 for metal halide)
 - Wide choice of lamp color
- Highly specular contoured reflectors drive light down to provide excellent vertical footcandles
- Battery pack option (-EL) provides instant-on emergency illumination (not available for wet location)
- Damp label standard, wet location label option.
- Fully sealed housing for use in Class I Cleanroom applications
- Anodized extruded aluminum door frame
- One-piece, 18 gauge stainless or cold-rolled steel doors available

PROJECT INFORMATION

Project Name _____

Type _____

Catalog No. _____

Date _____

CONSTRUCTION

Riveted code gauge steel construction.

SHIELDING

Standard lens is clear, smooth, 100% virgin acrylic. For other available lenses consult lens option sheet or contact your Columbia representative. Standard flush door is formed anodized aluminum with mitered corners, is retained by slide latches, is easily removed without tools, and hinges from either side.

REFLECTOR

Choice of MIRO®-4 95% reflectance multi-faceted specular aluminum reflector, low iridescent specular anodized aluminum, or high reflectance powder coat white paint. Retained with quarter-turn fasteners for tool-free ballast access.

BALLAST AND ELECTRICAL

Energy-efficient electronic, thermally protected, automatic resetting, Class P, high power factor, sound rated A. Positive stop, anti-vibrational locking lampholders. All configurations have been heat tested to ensure reliable operation and performance under normal conditions.

FINISH

All steel surfaces are painted after fabrication with high gloss baked white enamel, applied over iron phosphate pre-treatment for maximum adhesion and rust resistance.

MOUNTING

Choice of mounting hardware, including the fast and flexible GLH adjustable cable system for simplified mounting to wood, concrete or steel ceiling decks, or to beams, purlins or metal strut. Also available with hardware to mount with jack chain or directly to metal strut. Optional safety tether available.

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 LHC24-654-FACA-M4R-3EPU

LHC		24 - 6								
MODEL	NO. OF LAMPS	DOOR STYLE	REFLECTOR	BALLAST	VOLTAGE	OPTIONS				
LHC Enclosed & Gasketed Linear High Bay	6 Six	FA Flush Aluminum FCS Flush One-Piece Steel Door FSS Flush One-Piece Stainless Steel Door	M4R MIRO®-4, 95% Reflectance LS Specular Anodized Aluminum GW Gloss White Powder Coat	E (3) 2-Lamp Electronic T8, Instant Start 3E (2) 3-Lamp Electronic T8, Instant Start 3EHL (2) 3-Lamp Electronic T8 High Light Output, Instant Start 24E (1) 2-Lamp and (1) 4-Lamp Electronic T8, Instant Start EP (2) 2-Lamp Electronic T5 or T8, Programmed Start 3EP (2) 3-Lamp Electronic T5HO or T8, Programmed Start (N/A 347V or 480V) 24EP (1) 2-Lamp & (1) 4-Lamp Electronic T5HO or T8, Programmed Start (N/A 347V or 480V)	U 120V-277V 347 347V (HO only) 480 480V (HO only)	F0735 T8 Lamp Installed, 75 CRI, 3500K F0741 T8 Lamp Installed, 75 CRI, 4100K F0750 T8 Lamp Installed, 75 CRI, 5000K F5835 T5 or T5HO Lamp Installed, 82 CRI, 3500K F5841 T5 or T5HO Lamp Installed, 82 CRI, 4100K F5850 T5 or T5HO Lamp Installed, 82 CRI, 5000K WL Wet Location GMF Slow Blow Fuse GLR Fast Blow Fuse EL Emergency Battery Pack WG Wire Guard (FA Door Frame Required) ²				
SIZE	LAMP TYPE	SHIELDING								
24 2' x 4'	28 4', T5: 28 Watt 32 4', T8: 32, 30, 28 or 25 Watt 54 4', T5HO: 54 Watt	CA Clear Acrylic CP Clear Polycarbonate A12 Acrylic Prismatic Pattern 12 A15 Acrylic Prismatic 15 A19 Acrylic Prismatic 19								
ACCESSORIES (ORDER SEPARATELY)										
LHHB-LHC Universal Hanger Bracket Kit-LHC										
GLH5 5' Adjustable Cable Kit ¹										
GLH10 10' Adjustable Cable Kit ¹										
GLH15 15' Adjustable Cable Kit ¹										

² Not available with FCS or FSS door.

For a specific ballast vendor, show as option.

¹ Use with LHHB.



