## **EssentialLEDs**<sup>®</sup> 8FL CHOICE MEDIUM SQUARE FLANGED EXTRUSION - EDGE TO EDGE LENS JA8 CV 8FL Choice: IP40 | Flanged medium square extrusion for linear lighting applications in millwork. Slim extrusion wall (0.15") and edge-to-edge snap-in lensing for extra lumen output; flange extends .125" [3.175mm] from sides and ends of fixture. Install using Magnet Accessory or glue .76" [19.30mm] directly into millwork. UL Listed dry/damp. Includes selection of 8 LED Boards: 3 with Nichia LEDs on a Standard Pitch; 4 with EssentialLEDs Choice LEDs on a Narrow Pitch, and 1 with Choice LED's 38" [9.65mm] with Dim-to-Warm (3000°K to 1800°K) capability when used with a HELD-5n1 driver. See lumen .030 [0.762mm] outputs, CCTs, wattage and other variables on Choice Linear Fundamentals. Available in Silver or Black Finishes. Choice of Clear Acrylic lens (standard), 3 Opal diffusion lenses. or three focusing lenses L2 (26°- 32°), L3 (50°- 51°) or L4 (89° - 92°). AVAILABLE IN LENGTHS UP TO 143.3" [3640MM] ELC-8FL-Listings & Options LED Finish Wire Exit 288 lm/ft, 2.7 w/ft, 90+ CRI<sup>2</sup> 1435 Silver Anodized WE1 Default UL **UL** Listed c(ΨL)us AL 384 lm/ft, 3.7 w/ft, 90+ CRI<sup>2</sup> 2435 BL Black Anodized Custom C CE CE Marked (RoHS) 3435 478 lm/ft, 5.5 w/ft, 90+ CRI<sup>2</sup> MAG Magnetic Mount Lens Options 610 lm/ft, 5.8 w/ft, 90+ CRI<sup>2</sup> 4435 CCT Fixture Length PG Clear Acrylic 1320 222 lm/ft, 2.0 w/ft, 95+ CRI<sup>1</sup> 23 2300°K See Fixture Length and Wattage L2 Lens 2 (26° - 32°) 27 2700°K 335 lm/ft, 2.8 w/ft, 95+ CRI<sup>1</sup> 2320 Table. Choose the correct Code L3 Lens 3 (50° - 51°) 30 3000°K 4320 590 lm/ft, 5.9 w/ft, 95+ CRI<sup>1</sup> number for the LED board and L4 Lens 4 (89° - 92°) fixture length of your choice or 35 3500°K 7435 455 lm/ft, 5.5w/ft, 90+ CRI <sup>5</sup> specify Custom Length as follows: 0P1 Opal 1, Frosted 40 4000°K C (12.25") or C [311mm] Opal 2, Medium<sup>3</sup> 45 4500°K 0P2 18/30 1800°K/3000°K 6 0P3 Opal 3, Heavy <sup>3, 4</sup> Narrow Pitch Choice LEDs Dim-to Warm Choice LEDs <sup>3</sup> Will provide full diffusion 67435 Boards Only: CRI varies based on Standard Pitch Nichia LEDs 8FL fixture uses flanged end caps that extend <sup>4</sup> Not Title 24 JA8-2016 compliant 11" .11" CCT combination .11" [2.8mm] from each end of fixture [2.8mm] [2.8mm] <sup>1</sup> Not Available in 23K CCT <sup>2</sup> Not Available in 45K CCT <sup>5</sup> Requires a HELD-5n1 Driver See Fixture length Chart **Fixture Accessories** The 8FL fixture is intended primarily for use in shelves or millwork, Factory Installed; See Options Above ELL - AC - 2SL - MC where the flange provides a clean, self-trimming finish. Fixtures can be installed in routed channels with Magnets and Steel Mounting Plates, or glued directly into millwork. Flat lenses provide an installation flush with mounting surface. Steel Mounting Plate Magnet Magnetic Mount Small, strong, factory installed Fixed Metal Mounting Clip. magnets recess into rear side of fixture extrusions Fixture extrusion snaps into clip. for mounting of fixture onto suitable ferrous Allow 1 per 12" (min. 2 per fixsurface or accessory Steel Mounting Plates (see ture). See Mounting Options. 39" [9 906 mm] Mounting Options); 3 magnets per foot. Magnets protrude 0.09" [2.3mm] above rear surface of extrusion.

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