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FEATURES

MOUNTING: RECESSED

BALLAST: BALLAST SHALL BE HIGH POWER FACTOR (≥ 0.95) PROGRAMMED START CLASS P ELECTRONIC BALLAST WITH A SOUND RATING OF "A".

NOM. DIMENSIONS: 24" W X 48" L X 6" D

GENERAL DESCRIPTION

MOUNTING: RECESSED CEILING MOUNTED

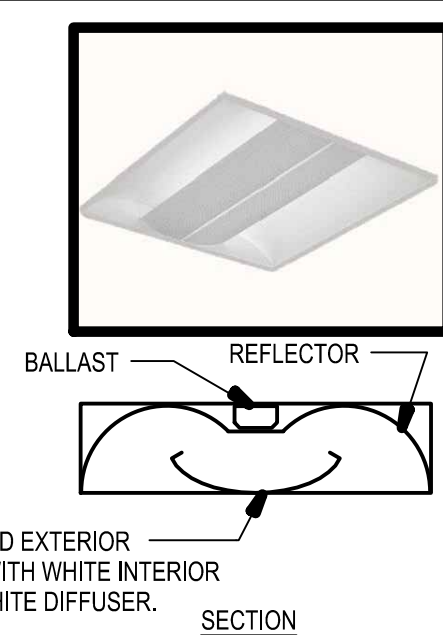
REFLECTORS: DIE-FORMED HIGH REFLECTANCE PAINTED STEEL.

ELECTRICAL: 120/277 VOLT BALLAST

FINISH: BAKED ON LOW GLOSS WHITE POWDER COATED POLYESTER-EPOXY. PERFORATED DIFFUSER SHALL HAVE A NATURAL ANODIZED ALUMINUM FINISH.

EFFICIENCY: 70.7%

RECESSED INDIRECT FLUORESCENT TROFFER



FIXTURE TYPES 'A'

FEATURES

MOUNTING: RECESSED

SHIELDING: PERFORATED STEEL WHITE WHITE ACRYLIC INTERIOR

BALLAST: BALLAST SHALL BE HIGH POWER FACTOR (≥ 0.95) PROGRAMMED START CLASS P ELECTRONIC BALLAST WITH A SOUND RATING OF "A".

NOM. DIMENSIONS: 24" W X 24" L X 6" D

GENERAL DESCRIPTION

HOUSING: COLD ROLLED STEEL. FLANGE TO COORDINATE WITH CEILING GRID; MECHANICALLY ATTACHED DIE-FORMED STEEL PERFORATED DIFFUSER. HOUSING SHALL BE CHEMICALLY TREATED FOR RUST PREVENTION.

MOUNTING: RECESSED CEILING MOUNTED

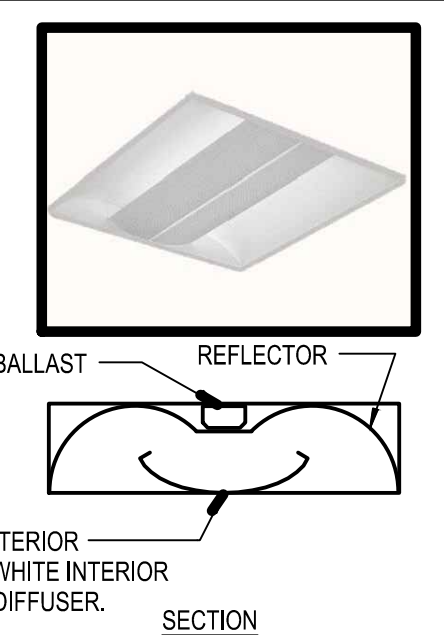
REFLECTORS: DIE-FORMED HIGH REFLECTANCE PAINTED STEEL.

ELECTRICAL: 120/277 VOLT BALLAST

FINISH: BAKED ON LOW GLOSS WHITE POWDER COATED POLYESTER-EPOXY. PERFORATED DIFFUSER SHALL HAVE A NATURAL ANODIZED ALUMINUM FINISH.

EFFICIENCY: 60%

RECESSED INDIRECT FLUORESCENT TROFFER



FIXTURE TYPES 'B'

FEATURES

MOUNTING: REFRACTIVE AND REFLECTIVE OPTICS

SHIELDING:

NOM. DIMENSIONS: 24" W X 24" L X 6" D

GENERAL DESCRIPTION

HOUSING: COLD ROLLED STEEL. LOWER REFLECTOR; FIELD REPLACEABLE LIGHT ENGINE INTEGRATES LEDS, DRIVER, POWER SUPPLY, THERMAL MANAGEMENT AND OPTICAL MIXING COMPONENTS. INTEGRATED HEAT MANAGEMENT SYSTEM CONDUCTS HEAT AWAY FROM LEDES.

MOUNTING: RECESSED CEILING MOUNTED

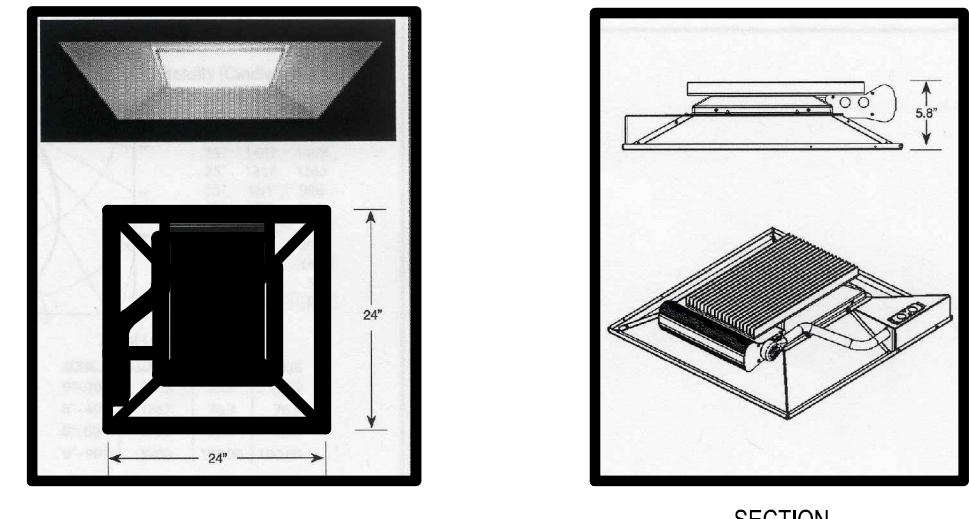
REFLECTORS: OPTICAL SYSTEM COMBINATION REFLECTIVE AND REFRACTIVE OPTICAL COMPONENTS.

ELECTRICAL: 120/277 VOLT TRANSFORMER

FINISH: LOWER REFLECTOR - TEXTURED HIGH REFLECTANCE WHITE POLYESTER POWDER COATING.

EFFICIENCY: 99.9%

RECESSED DIRECT LED TROFFER



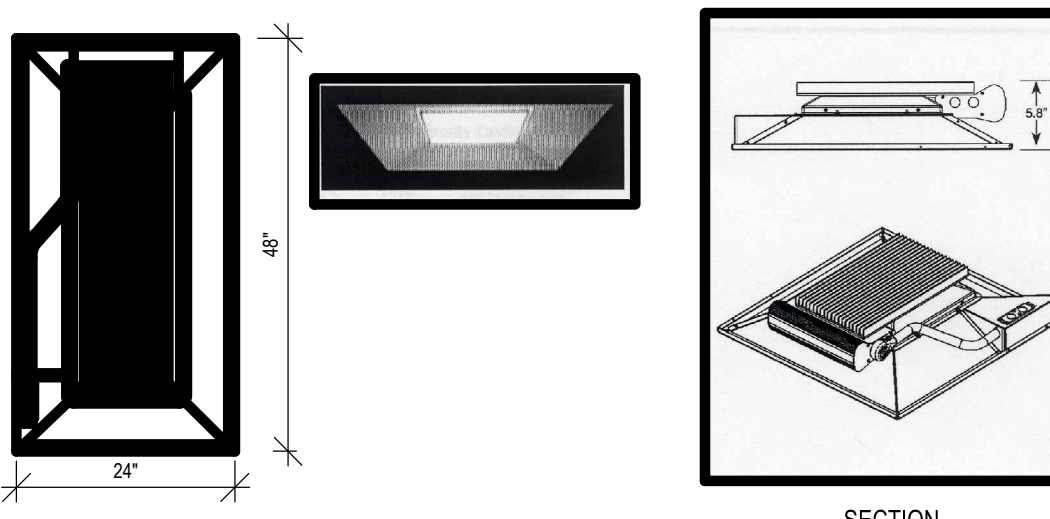
FIXTURE TYPE 'B' (ADD ALTERNATE)

FEATURES

MOUNTING: RECESSED CEILING MOUNTED

ELECTRICAL: 120/277 VOLT

RECESSED DIRECT LED TROFFER



FIXTURE TYPE 'A' (ADD ALTERNATE)

FEATURES

MOUNTING: SUSPENDED

SHIELDING: STEEL WIRE GUARD

BALLAST: HIGH POWER FACTOR (≥ 0.95) PROGRAMMED START CLASS P ELECTRONIC WITH A SOUND RATING OF "A".

GENERAL DESCRIPTION

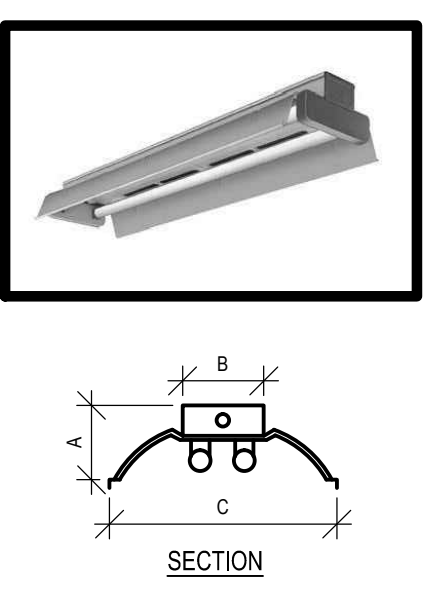
HOUSING: DIE-FORMED CRS HOUSING WITH WHITE ENAMEL POLYESTER POWDER COAT FINISH. THE LUMINAIRE SHALL NOT PERMANENTLY DEFORM WHEN LIFTED BY ONE CORNER. LUMINAIRE SHALL BE CAPABLE OF CONTINUOUS ROW AND SINGLE UNIT PLACEMENT WITH PENDANT OR SURFACE MOUNTING.

MOUNTING: CHAIN HUNG

REFLECTORS: COLD ROLLED SYMMETRIC STEEL REFLECTOR/BALLAST COVER, PAINTED WHITE, 10% UPLIGHT APERTURES

ELECTRICAL: 120/277 VOLT BALLAST

INDUSTRIAL FLUORESCENT



FIXTURE TYPE 'A5'

FEATURES

MOUNTING: RECESSED

MIXING CHAMBER: PHOSPHOR LENS ASSEMBLY POSITIONED IN FRONT OF THE LED ARRAY CONVERTS BLUE LIGHT TO WHITE AND PRODUCES A WIDE EVEN PATTERN OF DIFFUSED WHITE LIGHT.

LED BOARD: ARRAY OF 22 HIGH BRIGHTNESS ROYAL BLUE LEDES.

NOM. DIMENSIONS: AS INDICATED

GENERAL DESCRIPTION

APERATURE CONE: DIFFUSE ALUMINUM CONE WITH 50 DEGREE VISUAL CUTOFF TO SOURCE AND IMAGE. PROVIDE SELF FLANGED TRIM WITH SAME FINISH AS CONE UNLESS NOTED OTHERWISE.

THERMAL MANAGEMENT: PROVIDE HEAT SINK TO MAINTAIN JUNCTION TEMPERATURE FOR CONSISTANT RELIABLE PERFORMANCE AND 50,000 HOUR LIFETIME AT 70% LUMEN MAINTENANCE.

MOUNTING FRAME: 18 GAUGE GALVANIZED STEEL WITH VERTICAL ADJUSTMENT MECHANISM.

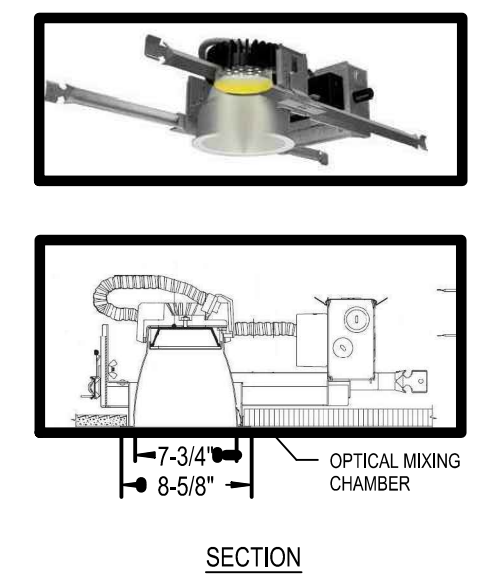
INPUT WATTS: 39 WATTS AS INDICATED

OUTPUT LUMENS: 2000 LUMENS

COLOR TEMP: 3500K.

PHOTOMETRIC PERFORMANCE SHALL BE EQUAL TO OR EXCEED LIGHTOLIER C 7L15200L SERIES LIGHTING FIXTURE.

LED DOWNLIGHT



FIXTURE TYPE 'B'

FEATURES

MOUNTING: SURFACE MOUNTED. UNDER CABINETS.

LENS: CLEAR POLYCARBONATE.

LED: (6) 1W 3000K WHITE LEDES WITH LUMEN MAINTENANCE OF 70% OF ORIGINAL LIGHT OUTPUT.

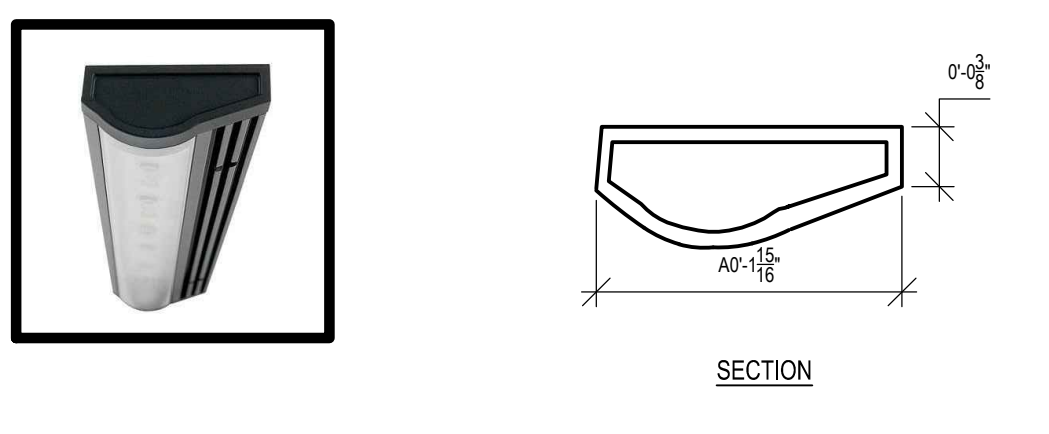
FINISH: ALUMINUM OR BLACK FINISH.

ELECTRICAL: 120V PRIMARY - 24V SECONDARY POWER SUPPLY, CORD AND PLUG.

CERTIFICATION: UL LISTED AND LABELED.

PHOTOMETRIC PERFORMANCE SHALL BE EQUAL TO OR EXCEED LIGHTOLIER MIC100 SERIES LIGHTING FIXTURE.

LED UNDER-CABINET TASK LIGHT



FIXTURE TYPE 'D'

FEATURES

MOUNTING: SURFACE MOUNTED.

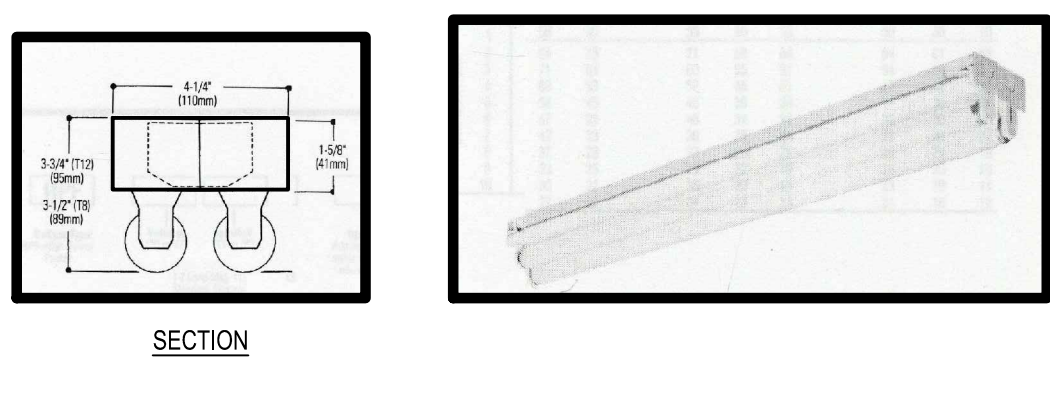
FINISH: HIGH GLOSS BAKED ENAMEL

LAMPS: (2) F48T8 FLUORESCENT LAMPS 3500 DEG. KELVIN

ELECTRICAL: 277V - ENERGY SAVING ELECTRONIC BALLAST

CERTIFICATION: UL LISTED AND LABELED.

2 LAMPS STRIP FIXTURE



FIXTURE TYPE 'C'

<div>Revisions</div> <table><tr><td>PRELIMINARY</td><td>08/22/11</td></tr><tr><td>Date</td><td></td></tr></table>		PRELIMINARY	08/22/11	Date		CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number	
PRELIMINARY	08/22/11														
Date															
				<div>CVA</div> <div>Culpeper Veterans Associates</div>		ELECTRICAL NEW WORK DETAILS		BALTIMORE VA MEDICAL CENTER MANAGED CARE / ED IMPROVEMENTS AND ENROLLMENT CENTER		512-511					
				CULPEPER VETERANS ASSOCIATES, LLC 4116 WALNEY ROAD, SUITE A CHANTILLY, VA 20151 (703) 955-7160 FAX (703) 890-3031		Scale 1/8"=1'-0"		Location BALTIMORE, MARYLAND		Building Number 1					
						Approved Project Director		Date 8/17/2012		Drawing Number EL105					
								Checked SN		Dwg. 136 of 175					
								Drawn LG							

VAMC, BALTIMORE, MD

Department of Veterans Affairs