

SHALL CONSIST OF A BASIC HOUSING WITH REMOVABLE PLUG-IN LAMP AND BALLAST CHASSIS, OR A WIRED WALL MOUNTING BRACKET SUPPORTING A PLUG-IN FIXTURE.

HOUSING: NOMINAL 1219mm LONG OF EXTRUDED OR DIE CAST ALUMINUM; SHALL SUPPORT WIREWAY AND LAMPHOLDER CHASSIS; HAVE SOLID METAL FRONT PANEL, AND TOP AND BOTTOM LENS OPENINGS; SHALL HINGE OPEN FOR RELAMPING AND SERVICE.

WIREWAY CHASSIS: STEEL MINIMUM 0.9mm THICK, OR EXTRUDED ALUMINUM; SHALL SUPPORT LAMPHOLDERS, BALLASTS AND REFLECTOR.

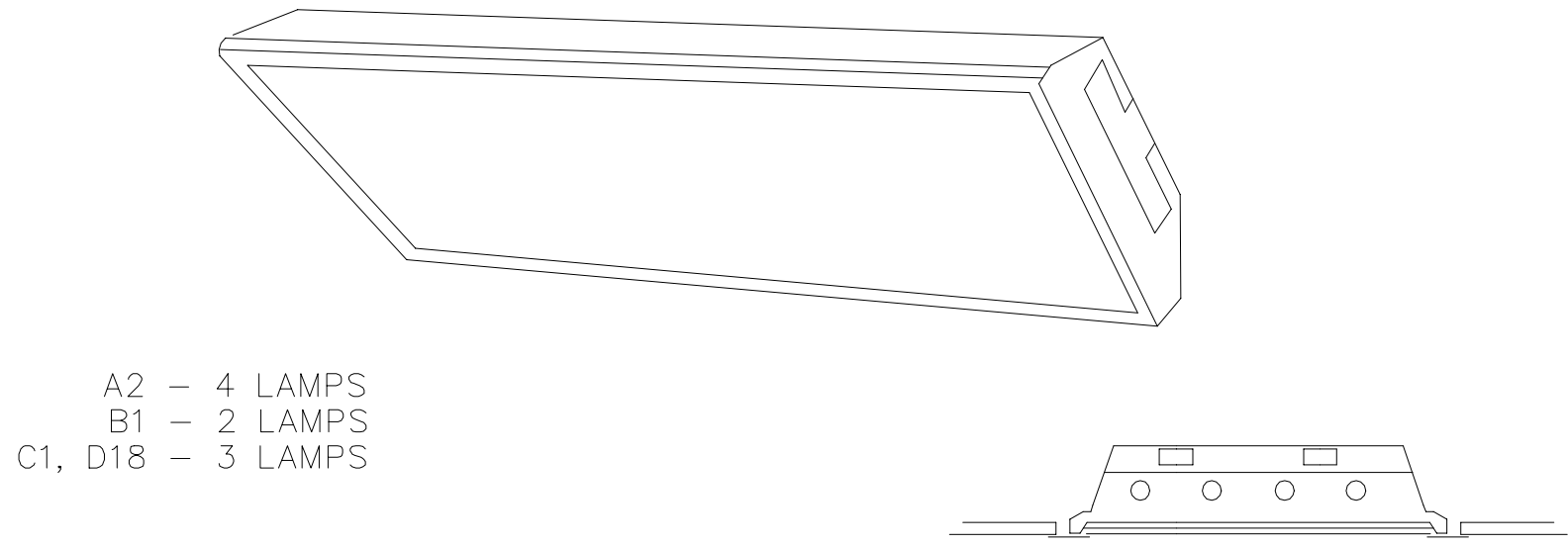
REFLECTOR: (WHEN NOT PART OF HOUSING) STEEL MINIMUM 0.8mm THICK OR ALUMINUM MINIMUM 1mm THICK; SHALL FORM LIGHT SEALING BARRIER BETWEEN UPPER AND LOWER LAMP COMPARTMENTS.

LENSES: BOTTOM-CLEAR 100% VIRGIN ACRYLIC PLASTIC WITH RIBBED OR PRISMATIC LENS CONFIGURATIONS; AT THE INDICATED MOUNTING HEIGHTS, SHALL FUNCTION WITH THE REFLECTOR TO PROVIDE MINIMUM OF 30 FOOTCANDLES
TOP-GLASS OR 100% VIRGIN ACRYLIC PLASTIC; PLANE, RIBBED OR PRISMATIC; NOMINAL 3mm THICK; PROJECT LIGHT OUTWARD TOWARD THE CEILING FOR GENERAL ILLUMINATION. LENSES SHALL BE SECURED IN HOUSING WITH CLIPS OR HINGED CLAMPING FRAME IN A LIGHT TIGHT MANNER.

FINISHES: EXTERIOR NATURAL ANODIZED ALUMINUM OR BAKED WHITE ENAMEL; INTERIOR- MINIMUM 85% REFLECTANCE BAKED WHITE ENAMEL.

MOUNT 2133mm ABOVE FLOOR TO BOTTOM OF FIXTURE.

WALL MOUNTED FLUORESCENT LIGHT
FIXTURE MARK: E1 & E2



RECESSED, FLUORESCENT LIGHTING TROFFER WITH FLAT LOW-BRIGHTNESS LENS PANEL, NOMINAL 610mm x 1219mm IN SIZE AND APPROXIMATELY 114mm DEEP.

HOUSING: STEEL A MINIMUM OF 0.889mm THICK; APPROPRIATE HARDWARE FOR A MINIMUM OF (4) POINTS OF SUPPORT IN APPLICABLE CEILING SYSTEM; WIRING AND BALLAST ACCESSIBLE FROM BELOW; SUPPORT CLIPS PROVIDED FOR WIRING; SEPARATE CAPTIVE NON-TURNING STUD FOR FIXTURE GROUNDING.

REFLECTOR: HOUSING, WIREWAY COVER, SEPARABLE REFLECTOR, OR COMBINATION THEREOF; WIREWAY COVER OR SEPARABLE REFLECTOR MINIMUM OF 0.737mm THICK STEEL OR 1.016mm THICK ALUMINUM.

LENS DOOR AND TRIM FRAME: STEEL MINIMUM OF 0.889mm THICK OR EQUIVALENT STRENGTH EXTRUDED ALUMINUM; LENS HELD IN EXPANSION COMPENSATING MANNER BY CLIPS OR CLAMPING OF FRAME; SEPARABLE STAINLESS OR CADMIUM PLATED STEEL HINGES; INCONSPICUOUS FINGER-OPERATED CATCHES; INTEGRAL LIGHT TRAP; LENS REPLACEABLE WITHOUT SPECIAL TOOLS.

FINISHES: HOUSING, DOOR AND TRIM FRAME - BAKED WHITE ENAMEL; REFLECTING SURFACES MINIMUM OF 85% REFLECTANCE BAKED WHITE ENAMEL.

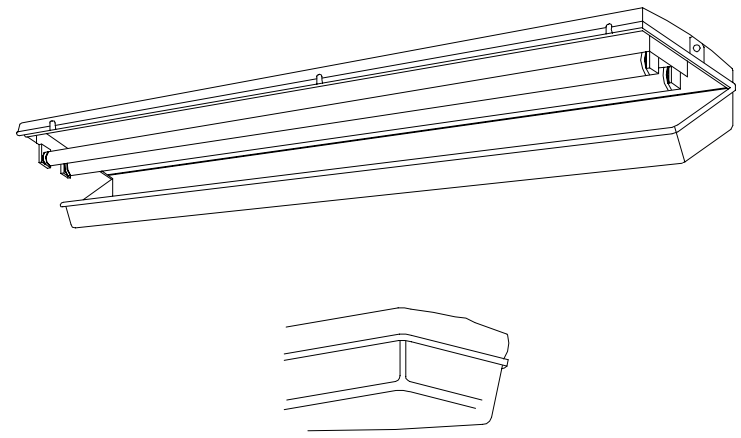
LENS: A-12 PRISMATIC.

LAMPS: SEE LUMINAIRE NOTES, SHEET EL3-1 FOR TYPE LAMPS

BALLAST: TWO LAMP, HPF, RAPID START TYPE AS SPECIFIED.

LISTING: UL WET LISTED, WHEN SHOWN.

RECESSED TROFFER
FIXTURE MARK: A2, A2B, A28, B1, B1B, B18, C1, C1B, C18, C18B, D18, D18B



ONE PIECE HOUSING OF 16-GAUGE STEEL FOR DURABILITY, SECURITY.

FLUTED DIFFUSER COMPLETELY ENCLOSES FACE AND SIDES OF HOUSING WITH SEAMLESS POLYCARBONATE. NO EXPOSED METAL SURFACES.

MOLDED-IN DIFFUSER MEMBRANES CENTERED OVER ENDPLATE KOS. MEMBRANES ARE EASILY SAW CUT TO ALLOW END WIRING ACCESS.

ALL METAL PARTS PAINTED AFTER FABRICATION WITH BAKED WHITE ENAMEL FOR SMOOTH, FINISHED EDGES AND CORROSION RESISTANCE.

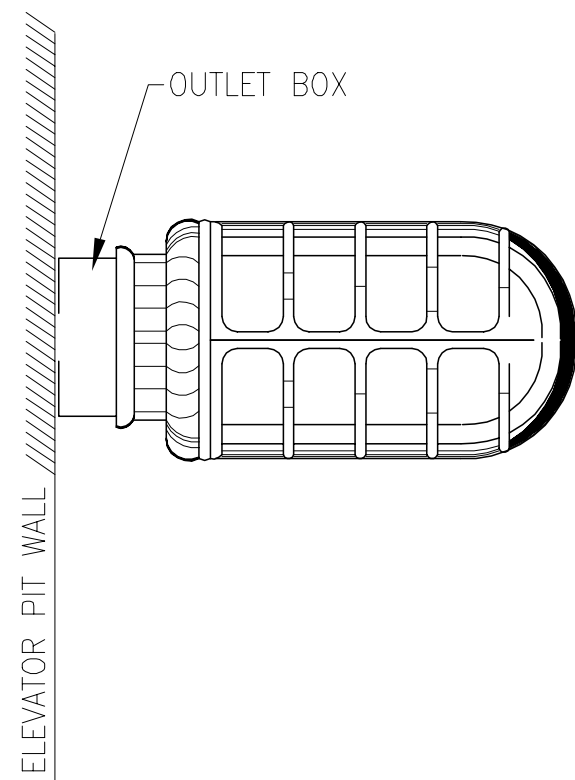
UL LISTING WET LOCATION STANDARD.

ALL ELECTRICAL COMPONENTS MOUNTED ON CHANNEL COVER, CHANNEL COVER SECURED BY CHAINS. PERMITS REMOVAL OF CHANNEL COVER MODULE TO SEPARATE AREA FOR MAINTENANCE.

MOUNT ABOVE WINDOW

EXTERIOR WALL LIGHT
FIXTURE MARK: N2

REVISIONS				
SYM	DESCRIPTION	PREPARED BY	DATE	APPROVED



BODY: HEAVY CORROSION RESISTANT CAST METAL; FOR SUPPORT OF LAMPHOLDER; THREADED TO RECEIVE SCREW TYPE GLOBE AND GUARD; FLANGED FOR MOUNTING TO 4" BOX.

GLOBE: CLEAR GLASS; THREADED TO FIT BODY.

GASKETS: HEAT AND MOISTURE RESISTANT; BETWEEN GLOBE AND BODY AND BODY AND OUTLET BOX.

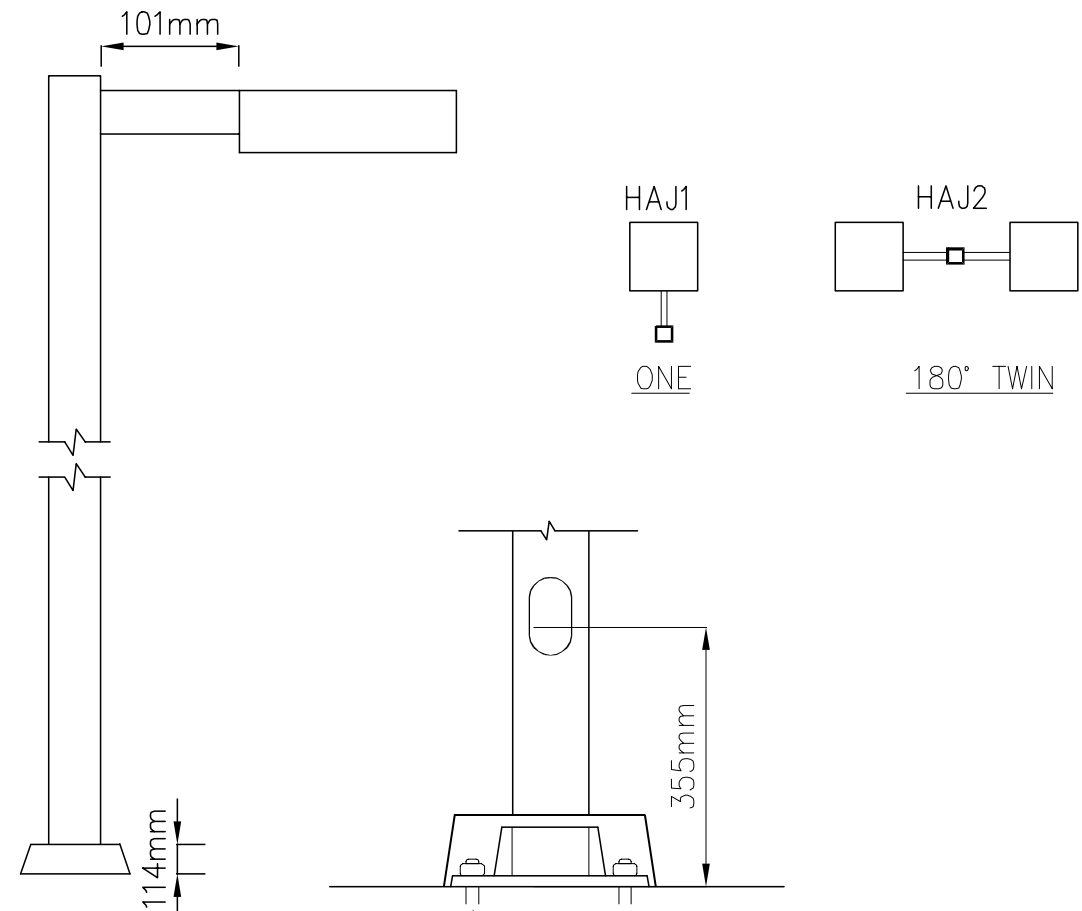
GUARD: HEAVY ONE-PIECE CAST ALUMINUM; THREADED TO FIT FIXTURE BODY; WITH LOCKING SCREW DEVICE.

FINISH: ALL FERROUS METAL PARTS SHALL HAVE CORROSION RESISTANT FINISH.

LAMPHOLDER: MEDIUM SCREW BASE; PORCELAIN BODIED; HAVING SCREW TERMINALS.

LAMP: INCANDESCENT; 100 WATT MAX.

ELEVATOR PIT LIGHT
FIXTURE MARK: Z



SEE SHEET ES1-2 FOR POLE BASE INSTALLATION

HOUSING: APPROXIMATELY 609mm SQUARE BY 203mm DEEP; CAST OR ONE-PIECE EXTRUDED ALUMINUM; SUPPORTED BY RECTANGULAR EXTRUDED ALUMINUM BRACKET ARM, APPROXIMATELY 381mm LONG.

REFLECTOR: FORMED ALUMINUM ANODIZED, SEMISPECULAR FINISH; OR MULTI-FACETED SEGMENTED REFLECTORS. IES TYPE III DISTRIBUTION. OPTICAL ASSEMBLY SHALL BE FIELD ROTATABLE.

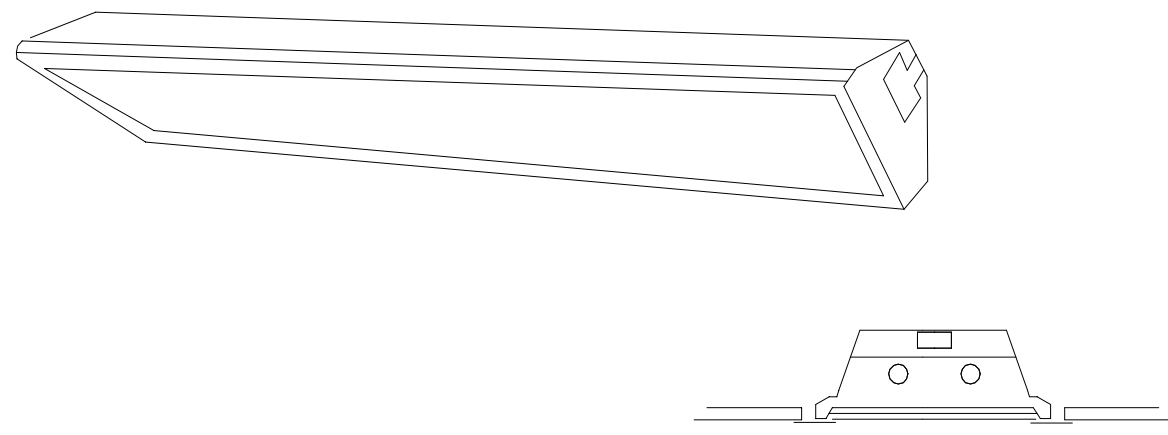
LENS: ONE-PIECE TEMPERED GLASS IN EXTRUDED ALUMINUM DOORFRAME WITH ANODIZED FINISH AND EXTRUDED SILICON GASKET, STAINLESS STEEL CAPTIVE HARDWARE. ACCESS TO LAMP COMPARTMENT SHALL NOT REQUIRE TOOLS.

POLE: ONE-PIECE SEAMLESS ALUMINUM EXTRUSION; MINIMUM 100mm SQUARE; WELDED TO SQUARE (4 BOLT) CAST BASE WITH FINISHED COVER.

FINISH: HOUSING - DARK BRONZE, DURANODIC OR A BAKED POLYESTER PAINT COATING OVER CORROSION RESISTANT PRIMER. POLE, BRACKET AND BASE - DARK BRONZE DURANODIC (OR APPROVED EQUAL).

BALLAST: HIGH POWER FACTOR, CWA (HPS-LAG TYPE), LOCATED IN THE LUMINAIRE HOUSING OR BRACKETED WITHIN THE POLE TOP. BALLAST ASSEMBLY SHALL INCLUDE QUICK DISCONNECT PLUGS TO FIELD WIRES AND SOCKET LEADS.

POLE MOUNTED LIGHT
FIXTURE MARK: HAJ1, HAJ2



RECESSED, FLUORESCENT LIGHTING TROFFER WITH FLAT LOW-BRIGHTNESS LENS PANEL, NOMINAL 305mm x 1219mm IN SIZE AND APPROXIMATELY 114mm DEEP.

HOUSING: STEEL A MINIMUM OF 0.889mm THICK; APPROPRIATE HARDWARE FOR A MINIMUM OF (4) POINTS OF SUPPORT IN APPLICABLE CEILING SYSTEM; WIRING AND BALLAST ACCESSIBLE FROM BELOW; SUPPORT CLIPS PROVIDED FOR WIRING; SEPARATE CAPTIVE NON-TURNING STUD FOR FIXTURE GROUNDING.

REFLECTOR: HOUSING, WIREWAY COVER, SEPARABLE REFLECTOR, OR COMBINATION THEREOF; WIREWAY COVER OR SEPARABLE REFLECTOR MINIMUM OF 0.737mm THICK STEEL OR 1.016mm THICK ALUMINUM.

LENS DOOR AND TRIM FRAME: STEEL MINIMUM OF 0.889mm THICK OR EQUIVALENT STRENGTH EXTRUDED ALUMINUM; LENS HELD IN EXPANSION COMPENSATING MANNER BY CLIPS OR CLAMPING OF FRAME; SEPARABLE STAINLESS OR CADMIUM PLATED STEEL HINGES; INCONSPICUOUS FINGER-OPERATED CATCHES; INTEGRAL LIGHT TRAP; LENS REPLACEABLE WITHOUT SPECIAL TOOLS.

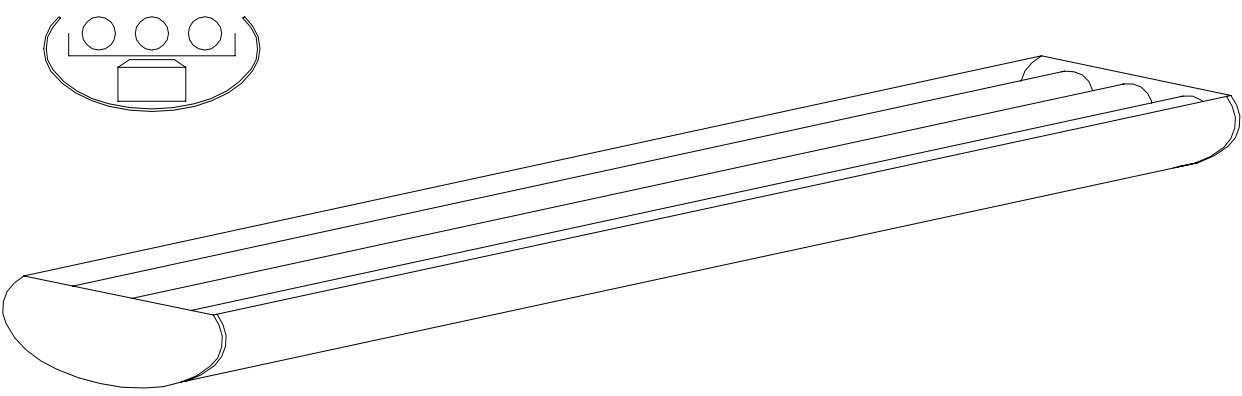
FINISHES: HOUSING, DOOR AND TRIM FRAME - BAKED WHITE ENAMEL; REFLECTING SURFACES MINIMUM OF 85% REFLECTANCE BAKED WHITE ENAMEL.

LENS: A-12 PRISMATIC.

LAMPS: SEE LIGHTING FIXTURE SCHEDULE NOTES, SHEET EL3-1 FOR TYPE LAMPS

BALLAST: TWO LAMP, HPF, RAPID START TYPE AS SPECIFIED.

RECESSED TROFFER
FIXTURE MARK: R1



- HOUSING: 6063 T6 EXTRUDED ALUMINUM (MAX 7314mm LONG/SECTION) DIE CAST END PLATES.
- REFLECTOR: DIE FORMED SPECULAR ALUMINUM. 100% UPLIGHT.
- MOUNTING: PENDANT, 3.6M O.C.
- SECURELY SUPPORT FROM STRUCTURE ABOVE.

LINEAR FLUORESCENT TUBE
FIXTURE MARK: P1

IF SHEET IS LESS THAN 28"x42", IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY.

EL4-1

MEDICAL/DENTAL CLINIC			
LIGHTING DETAILS			
SIZE	CODE IDENT. NO.	DRAWING NO.	
F	XXXXX	8144775	
SCALE:	AS SHOWN	SPEC.	11996048
			SHEET 270 OF 316