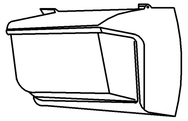
FEATURES
LAMP TYPE: 42W CF TTT
PROFILE: 2 LAMP
SHIELDING: PRISMATIC BOROSILICATE GLASS
BALLAST: HIGH POWER FACTOR, CORE & COIL, CWA



OPTIONS
SHIELDING: POLYCARBONATE
OTHER: PHOTOCELL CONTROL

NOM. DIMENSIONS 12-1/4" L X 9-1/2" H X 7-1/4" D

GENERAL DESCRIPTION
HOUSING: DIE CAST ALUMINUM HOUSING, DOOR ASSEMBLY AND BACKPLATE

MOUNTING: DIE CAST ALUMINUM BACKPLATE WITH CAST-IN KNOCKOUTS FOR MOUNTING HOLE ALIGNMENT.

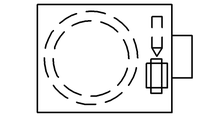
REFLECTORS: SPECULAR ANODIZED ALUMINUM

ELECTRICAL: 120 VOLT BALLAST

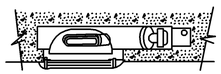
FINISH: BAKED-ON POLYURETHANE POWDER COAT PAINT

1 E101 E502 — FIXTURES NF - COMPACT FLUORESCENT WALL PACK
NONE

FEATURES
LAMP TYPE: 32W CF TTT
PROFILE: 2 LAMP
SHIELDING: PRISMATIC TEMPERED GLASS
BALLAST: HIGH POWER FACTOR, CORE & COIL, CWA



OTHER: BATTERY BACK-UP W/ EMERGENCY BALLAST



NOM. DIMENSIONS 8-1/2" DIA X 6-1/4" D

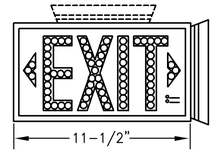
GENERAL DESCRIPTION
HOUSING: 18 GAUGE GALVANIZED STEEL, RED OXIDE RUSTPROOF PRIMER COAT, WHITE ENAMEL FINISH

MOUNTING: RECESSED INTO CONCRETE

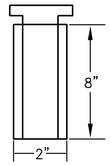
REFLECTORS: SEMI-SPECULAR ALZAK® WITH SELF FLANGE

ELECTRICAL: 120 VOLT BALLAST

2 E101 E502 — FIXTURES RF - COMPACT FLUORESCENT SOFFIT DOWNLIGHT
NONE



FRONT VIEW



END VIEW

NOTES:
1. UNIT NOT AVAILABLE WITH WET LABEL.
2. UNIT IS AVAILABLE WITH DAMP LABEL.

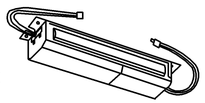
LUMINAIRE REQUIREMENTS

1. ALUMINUM, STEEL, THERMOPLASTIC OR POLYCARBONATE HOUSING.
2. BRUSHED ALUMINUM, THERMOPLASTIC OR STEEL STENCIL WITH LETTERS 152mm TALL AND 19mm WIDE STROKES AND PUNCH-OUT FACE, FOR LED'S OR INTERNAL LED ILLUMINATION.
3. RED ILLUMINATION PROVIDED BY LIGHT EMITTING DIODES (LED). APPROXIMATELY 60 LED'S PER FACE. (THIS QUANTITY DOES NOT APPLY TO INTERNALLY ILLUMINATED SIGNS.)
4. CLEAR PROTECTIVE NON-BREAKABLE LENS TO PROTECT LED'S. (NOT REQUIRED FOR INTERNALLY ILLUMINATED SIGNS.)
5. PROVIDE POWER FAILURE, BROWN OUT PROTECTION AND SURGE PROTECTION.
6. PROVIDE NI-CAD BATTERY POWER AND SOLID STATE TYPE CHARGER.
7. PROVIDE UNIVERSAL ARROWS AND BLANK OFF PLATES.
8. PROVIDE SINGLE OR DOUBLE FACE AS INDICATED.
9. PROVIDE UNIVERSAL MOUNTING.
10. UNITS MOUNTED EXPOSED TO THE ELEMENTS OR IN CLASSIFIED AREAS SHALL HAVE UL LABEL AS INDICATED.
11. PROVIDE INTERNAL GREEN GROUNDING SCREW.
12. PROVIDE TEST BUTTON IN BOTTOM OF HOUSING.
13. PROVIDE INDICATOR LIGHTS IN FACE TO INDICATE WHEN UNIT IS ON NORMAL POWER OR ON BATTERY POWER.
14. HOUSING SHALL HAVE A MATTE BLACK FINISH, EXCEPT AS INDICATED OTHERWISE.
15. FIXTURE "XB" IS THE SAME AS "XA" EXCEPT FOR TWO SIDED UNIT.

3 E101 E502 — FIXTURE XA/XB - LED EXIT SIGN
NONE

EMERGENCY BATTERY PACK UNIT

FEATURES
LAMP TYPE: F32T8/RS
PROFILE: 1 LAMP
MOUNTING: CONCEALED IN FIXTURE
OTHER: CHARGING INDICATOR LIGHT; TEST SWITCH
BATTERY: 90 MINUTE OPERATION



OPTIONS
PROFILE: 2 LAMPS

NOM. DIMENSIONS 1-1/2" W x 2-1/2" H x 9-1/2"

GENERAL DESCRIPTION
HOUSING: 22 GAUGE RED PAINTED STEEL ENCLOSURE

ELECTRICAL: 120 VOLT

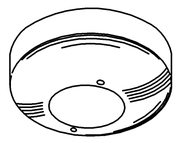
BATTERY: HIGH TEMPERATURE NICKEL CADMIUM

OTHER: NOT SUITABLE FOR INSTALLATION IN OUTLET FIXTURES, WET OR DAMP LOCATION FIXTURES

4 E101 E502 — TYPICAL EMERGENCY BATTERY PACK
NONE

CEILING MOUNTED ULTRASONIC & INFRARED OCCUPANCY SENSOR

FEATURES
PATTERN: 360° OR FOR CORRIDOR
COVERAGE: 500-2000 SF.
TIME DELAY: ADJUSTABLE 30 SECONDS TO 30 MINUTES



OPTIONS
PATTERN: CORRIDOR W/ BEAM

NOM. DIMENSIONS 4-3/4" DIA. X 2" D (NOMINAL)

GENERAL DESCRIPTION
HOUSING: IMPACT RESISTANT INJECTION MOLDED ABS

MOUNTING: CEILING

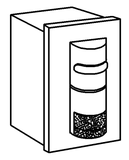
ELECTRICAL: 24 VOLT DC (FROM POWER PACK), 120 VOLT AC W/ DUAL TECHNOLOGY SENSING

FINISH: WHITE

5 E101 E502 — TYPICAL CEILING MOUNTED OCCUPANCY SENSER
NONE

WALL MOUNTED ULTRASONIC AND INFRARED OCCUPANCY SENSOR

FEATURES
PATTERN: 170 DEGREE
COVERAGE: 300-1500 SF.
TIME DELAY: ADJUSTABLE 15 SECONDS TO 30 MINUTES



NOM. DIMENSIONS 4-1/ 2" H X 15/16" D X 4-5/8" W

GENERAL DESCRIPTION
HOUSING: IMPACT RESISTANT INJECTION MOLDED ABS

MOUNTING: WALL MOUNTED BETWEEN TOP OF OBSTRUCTIONS AND CEILING

ELECTRICAL: 120 VOLT, W/ DUAL TECHNOLOGY SENSING

FINISH: WHITE

6 E101 E502 — TYPICAL WALL MOUNTED OCCUPANCY SENSER
NONE

US ARMY CORPS OF ENGINEERS SAVANNAH

BY	DATE	DESCRIPTION	SYMBOL

DATE: 25 JAN 2010
SOLICITATION NO: W912HN-09-R-0018
CONTRACT NO:
CATEGORY CODE: 730-45-01
PLOT DATE:
DESIGNED BY: IDM
DWN BY: IDM | CKD BY: VRR
SUBMITTED BY:
FILE NAME: BRHE-502
SIZE: 24X22
PLOT SCALE: NONE

U. S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SAVANNAH DISTRICT

L3SP ASSOCIATES LTD. 205 KING STREET CHARLESTON, SC. 29401

ALBRITTON JUNIOR HIGH SCHOOL ADDITION
FT BRAGG NORTH CAROLINA

LIGHTING FIXTURE DETAILS

PLATE REFERENCE NUMBER E-502
SHEET 92