

TYPE "B1", "B2" & "B2E"

RECESSED FLUORESCENT DIRECT/INDIRECT STATIC TROFFER,  
NOMINAL 2' X 4' IN SIZE AND APPROXIMATELY  
5-1/2" DEEP

**HOUSING:** COOL ROLLED STEEL, ALL EDGES HEWED OR  
GROUNDED. HOUSING SHALL BE CAPABLE OF  
SUPPORTING A MINIMUM OF FOUR (4) POINTS OF SUPPORT IN APPLICABLE  
CEILING SYSTEM. ALL SHIELDS MUST BE ON LIGHT  
TRAYS AND SWING DOWN FOR LAMP ACCESSIBLE  
FROM BELOW. SUPPORT CLIPS FOR WIRING,  
SEPARATE CAPTIVE NON-TURNING STUD FOR  
FIXTURE GROUNDING.

**MOUNTING:** LAY-IN GRID CEILING

**OPTICS:** TWIN MATTE WHITE REFLECTORS, METAL DIFFUSER  
WITH STAGGERED ROUND 0.075" Ø HOLES 52% OPEN  
BACKED BY WHITE ACRYLIC DIFFUSER.

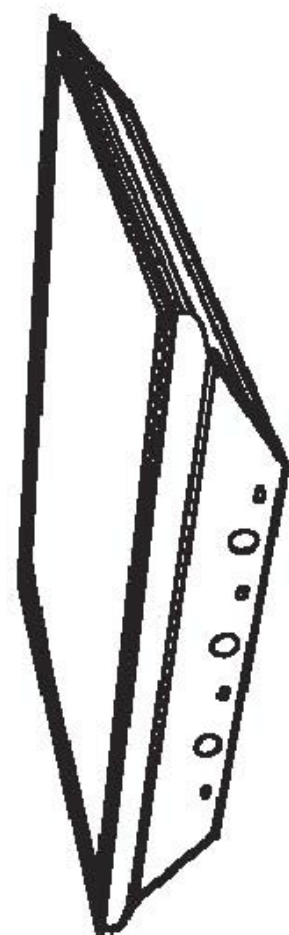
**FINISHES:** HOUSING, DOOR AND FRAME BAKED WHITE ENAMEL;  
BAKED WHITE ENAMEL; ALL PARTS SHALL BE  
PAINTED AFTER FABRICATION

**BALLAST:** TYPE B1: ONE (1) 2-LAMP AND ONE (1) 1-LAMP  
ELECTRONIC BALLAST, 120/277 VOLT

TYPE B2: ONE (1) 2-LAMP ELECTRONIC BALLAST,  
120/277 VOLT

TYPE B2E: ONE (1) 2-LAMP ELECTRONIC BALLAST,  
120/277 VOLT WITH GENERATOR TRANSFER DEVICE

**LAMPS:** TYPE B1: 3-28W T8 FLUORESCENT, 4100K  
TYPE B2 & B2E: 2-28W T8 FLUORESCENT, 4100K



TYPE "C", "C2", & "CE"

RECESSED 2-LAMP FLUORESCENT STATIC LENSED TROFFER,  
NOMINAL 2' X 2' IN SIZE AND APPROXIMATELY  
5-3/4" DEEP

**HOUSING:** COOL ROLLED STEEL, ALL EDGES HEWED OR  
GROUNDED. HOUSING SHALL BE CAPABLE OF  
SUPPORTING A MINIMUM OF FOUR (4) POINTS OF SUPPORT IN APPLICABLE  
CEILING SYSTEM. WIRING AND BALLAST ACCESSIBLE  
FROM BELOW. SUPPORT CLIPS FOR WIRING,  
SEPARATE CAPTIVE NON-TURNING STUD FOR  
FIXTURE GROUNDING.

**MOUNTING:** LAY-IN GRID CEILING

**OPTICS:** DESIGNED AROUND T8

**LENS & DOOR:** FLUSH INTERED CORNERS, LENS REPLACEMENT  
WITHOUT FRAME DISASSEMBLY; INTEGRAL  
CONCEALED STEEL HINGES; A12 PATTERN ACRYLIC  
LENS

**FINISHES:** HOUSING, DOOR AND FRAME BAKED WHITE ENAMEL;  
BAKED WHITE ENAMEL; ALL PARTS SHALL BE  
PAINTED AFTER FABRICATION

**BALLAST:** TYPE C: ONE (1) 2-LAMP ELECTRONIC BALLAST,  
120/277 VOLT

TYPE CE: ONE (1) 2-LAMP ELECTRONIC BALLAST,  
120/277 VOLT WITH GENERATOR TRANSFER DEVICE  
ARCHITECTURAL DIMMING BALLAST, 120/277 VOLT

**LAMPS:** 2-31W U8-T8 FLUORESCENT, 4100K

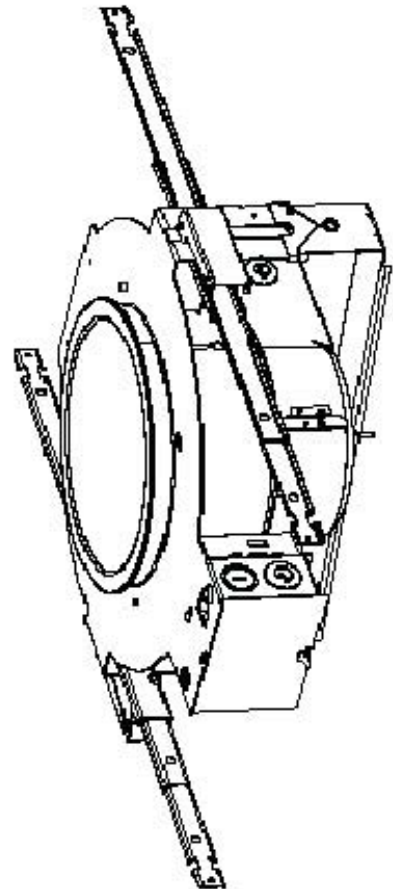


TYPE "E1"

LED EXIT SIGN, 11-1/2" X 8" X 1-5/8" NOMINAL DIMENSIONS

**HOUSING:** PRECISION MACHINED DIE-CAST ALUMINUM, MATTE  
BLACK FINISH. HOUSING SHALL BE CAPABLE OF  
SUPPORTING A MINIMUM OF FOUR (4) POINTS OF SUPPORT IN APPLICABLE  
CEILING SYSTEM. WIRING AND BALLAST ACCESSIBLE  
FROM BELOW. SUPPORT CLIPS FOR WIRING,  
SEPARATE CAPTIVE NON-TURNING STUD FOR  
FIXTURE GROUNDING.

**LAMPS:** INTEGRAL LED WITH INTEGRAL 120/277 UNIVERSAL  
LED POWER SUPPLY



TYPE "F" & "FE"

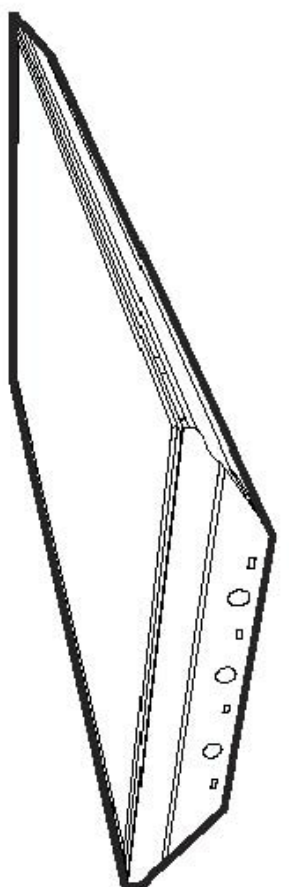
RECESSED LED DOWNLIGHT WITH 6" APERTURE, APPROXIMATE  
DIMENSIONS: 5-3/4" DIAMETER X 6-3/16" TALL

**HOUSING:** DIE-CAST AND EXTRUDED ALUMINUM; STEEL  
MOUNTING BRGS WITH CONTINUOUS VERTICAL  
FIXTURE SHALL BE SUITABLE FOR INSULATION IN  
LAY-IN CEILING

**REFLECTOR:** SELF-FLANGED CLEAR SEMI-SPECULAR

**DRIVER:** ONE (1) HIGH EFFICIENCY DRIVER WITH <0.09 PF,  
INTEGRAL THERMAL PROTECTION 90-305 VOLT

**LAMP:** LED, 4000K



TYPE "J1"

RECESSED 3-LAMP FLUORESCENT STATIC LENSED TROFFER,  
NOMINAL 2' X 4' IN SIZE AND APPROXIMATELY  
3-3/4" DEEP

**HOUSING:** COOL ROLLED STEEL, ALL EDGES HEWED OR  
GROUNDED. HOUSING SHALL BE CAPABLE OF  
SUPPORTING A MINIMUM OF FOUR (4) POINTS OF SUPPORT IN APPLICABLE  
CEILING SYSTEM. WIRING AND BALLAST ACCESSIBLE  
FROM BELOW. SUPPORT CLIPS FOR WIRING,  
SEPARATE CAPTIVE NON-TURNING STUD FOR  
FIXTURE GROUNDING.

**MOUNTING:** LAY-IN GRID CEILING

**OPTICS:** DESIGNED AROUND T8

**LENS & DOOR:** FLUSH INTERED CORNERS, LENS REPLACEMENT  
WITHOUT FRAME DISASSEMBLY; INTEGRAL  
CONCEALED STEEL HINGES; A12 PATTERN ACRYLIC  
LENS

**FINISHES:** HOUSING, DOOR AND FRAME BAKED WHITE ENAMEL;  
BAKED WHITE ENAMEL; ALL PARTS SHALL BE  
PAINTED AFTER FABRICATION

**BALLAST:** ONE (1) 3-LAMP ELECTRONIC BALLAST, 120/277  
VOLT

**LAMPS:** 3-28W T8 FLUORESCENT, 4100K

### LUMINAIRE SCHEDULE NOTES

- LUMINAIRES SHOWN ON PLANS WITH CROSS HATCHING ARE  
DESIGNATED FOR EMERGENCY AND EGRESS REQUIREMENTS.  
EMERGENCY AND EGRESS REQUIREMENTS SHALL BE REFERRED TO  
SOURCE PER NEC, ARTICLE 700. REFER TO SCHEDULE FOR  
EXACT DESCRIPTIONS AND REQUIREMENTS.
- FOR EXACT LOCATION OF RECESSED LUMINAIRES, SEE  
ARCHITECTURAL REFLECTED CEILING PLANS AND FOR EXACT  
LOCATION OF WALL MTD LUMINAIRES, SEE ARCHITECTURAL  
ELEVATIONS AND DETAILS.
- LUMINAIRES DESIGNED FOR USE WITH TWO (2) LINEAR  
FOUR-LAMP TADEN-WEBB BALLASTS IN PLACE OF  
SINGLE-LAMP TADEN-WEBB BALLASTS WHEN TWO OR MORE LUMINAIRES ARE  
IN THE SAME SPACE AND ON THE SAME CONTROL DEVICE.
- WHERE NOTED IN THE FUTURE DESCRIPTION, GENERATOR  
OF TRANSFER FROM NORMAL POWER TO EMERGENCY WHEN  
NORMAL POWER IS LOST, REFER TO MANUFACTURER'S  
CONFIGURATION FOR ACTUAL BALLAST USED.
- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS  
COMMON TO ALL LIGHT FIXTURES.



TYPE "K" & "KE"

RECESSED 1-LAMP FLUORESCENT LUMINAIRE WITH SYMMETRIC  
REFLECTOR PROVIDING A NARROW LIGHT  
DISTRIBUTION SUITABLE FOR VERTICAL AND  
HORIZONTAL ILLUMINATION.

**MOUNTING:** LAY-IN GRID CEILING

**OPTICS:** WHITE SOLID BLADES FLUSH WITH CEILING.

**BALLAST:** TYPE K: ONE (1) 1-LAMP ELECTRONIC BALLAST,  
120/277 VOLT

TYPE KE: PROVIDE GENERATOR TRANSFER DEVICE IN  
ADDITION TO ELECTRONIC BALLAST.

**LAMPS:** 1-28W T5 FLUORESCENT, 4100K



TYPE "L"

CEILING MOUNTED WROUGHT IRON DECORATIVE 5'-FIXTURE, WITH  
9-1/2" DIAMETER, AND 19" HIGH.

**HOUSING:** GLASS

**MOUNTING:** CEILING MOUNTED

**OPTICS:** DESIGNED AROUND A19 LAMPS

**LENS & DOOR:** BLAZE GLASS

**FINISHES:** BLAZE GLASS

**BALLAST:** N/A

**LAMPS:** (5) SELF-BALLASTED COMPACT FLUORESCENT  
LAMPS, MEDIUM BASE, A19 SHAPE, 14W NOMINAL,  
DESIGN: KALCO LIGHTING #9181TP-G3543, PROVIDE  
SPECIFIED FIXTURE OR APPROVED EQUAL



TYPE "M"

SMALL PROFILE TIGHT LED TUBE LUMINAIRE FIXTURE,  
9-1/2" DIAMETER, AND 19" HIGH.

**HOUSING:** TAPER-RESISTANT SEMI-ROD RECTANGULAR CLEAR  
TUBING.

**MOUNTING:** LOW PROFILE TUBE FOR VARIOUS MOUNTING  
APPLICATIONS.

**POWER SUPPLY:** 120 AC/12 VDC ELECTRONIC LED POWER  
SUPPLY COMPATIBLE WITH LED LUMINAIRE.

**LAMPS:** 2.5' O.C. SPACED LENS, LENGTH/NUMBER OF  
LAMPS TO FILL SPACE SHOWN ON ARCHITECTURAL  
DETAILS, 2.5WATTS/FT.

<b>CONSULTANTS:</b>		<b>ARCHITECT/ENGINEERS:</b>	
		<b>Westlake Reed Leskosky</b>	
		925 Euclid Avenue, Suite 1900, Cleveland, Ohio 44115	
		Phoenix - Washington - Cleveland	
		WRL Commission #09017/00	
<b>Project Title</b>		<b>Project Title</b>	
<b>LUMINAIRE SCHEDULE</b>		<b>Wade Park Renovate Medical Library - CARES</b>	
<b>Approved Project Director</b>		<b>Location</b>	
		<b>Cleveland, Ohio</b>	
<b>Date</b>		<b>Checked</b>	
<b>April 25, 2012</b>		<b>Drawn</b>	
<b>Dwg. of</b>		<b>Dwg. Number</b>	
<b>E-611</b>		<b>541-12-103</b>	
<b>Office of Facilities Management</b>		<b>Department of Veterans Affairs</b>	

100% CD  
FULLY SPRINKLERED