

LIGHTING FIXTURE SCHEDULE

FIXTURE SCHEDULE GENERAL NOTES:

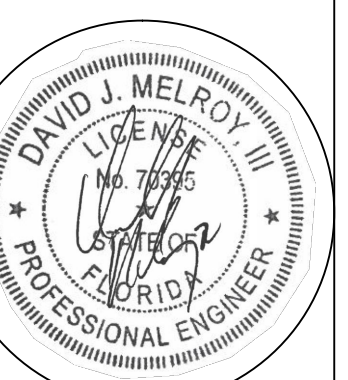
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| <ol style="list-style-type: none"> 1. FIXTURES SHALL HAVE APPROPRIATE U.L. LABEL (i.e., DAMP OR WET) AS REQUIRED BY CODES AND ORDINANCES. 2. PRIOR TO ORDERING ANY LIGHTING EQUIPMENT, COORDINATE ALL FIXTURE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND CEILING CAVITY DEPTHS. 3. ALL LAMPS SHALL BE PROVIDED AND INSTALLED ACCORDING TO THE ATTACHED FIXTURE SCHEDULE AND SPECIFICATIONS. ENSURE COMPATIBILITY BETWEEN FIXTURE, LAMP(S) AND BALLAST(S)/DRIVER(S). 4. CONTRACTOR SHALL VERIFY FIXTURE VOLTAGES AND CEILING TRIM COMPATIBILITY PRIOR TO ORDERING FIXTURE. 5. PROVIDE APPROVED FIRE-RATED ENCLOSURES FOR ALL LIGHTING FIXTURES LOCATED IN FIRE-RATED CEILING. 6. LIGHTING FIXTURE CATALOG NUMBERS ARE SERIES TYPE ONLY. PROVIDE ALL NECESSARY ACCESSORIES AND HARDWARE AS REQUIRED FOR A COMPLETE AND FUNCTIONAL INSTALLATION. 7. ALL FIXTURES SHALL BE ORDERED WITH APPROPRIATE BALLAST(S)/DRIVER(S) THAT HAVE U.L. AND CBM LABELS. ALL BALLASTS/DRIVERS SHALL CONFORM TO TITLE 24 AND/OR INTERNATIONAL ENERGY CONSERVATION CODE (IECC) REQUIREMENTS FOR PERFORMANCE. PROVIDE MULTIPLE BALLASTS/DRIVERS FOR DUAL-LEVEL SWITCHING AND WIRING (i.e., TANDEM) AS INDICATED ON THE PLANS. 8. UPON INITIAL ENERGIZING OF ALL NEW FLUORESCENT LAMPS, A CONTINUOUS PERIOD OF THIRTY (30) HOURS SHALL OCCUR PRIOR TO DE-ENERGIZING OF LAMPS FOR MANUFACTURER REQUIRED LAMP BURN-IN AND MAXIMUM LAMP LIFE. 9. ALL FLUORESCENT BALLASTS SHALL BE ELECTRONIC TYPE. PROVIDE END OF LIFE (EOL) SHUT-DOWN PROTECTION FOR COMPACT FLUORESCENT LAMPS. 10. ENSURE COMPATIBILITY OF ALL LIGHTING SYSTEM COMPONENTS, ESPECIALLY DIMMED SYSTEMS. FIXTURES, LAMPS, BALLAST(S), DRIVER(S) AND DIMMING SYSTEMS/INDIVIDUAL CONTROLS SHALL BE FACTORY CERTIFIED COMPATIBLE FOR FULL RANGE OF DIMMING COMPATIBILITY. 11. PROVIDE CLEARANCES FROM COMBUSTIBLES, A MINIMUM OF 1/2" (OTHER THAN AT POINTS OF SUPPORT) AND 3" FROM INSULATION FOR RECESSED LIGHTING FIXTURES WHICH ARE NON-IC RATED. | <ol style="list-style-type: none"> 12. PROVIDE A MINIMUM OF TWO (2) #12 SUPPORT WIRES ATTACHED TO BUILDING FRAME IN ADDITION TO T-BAR CLIPS FOR FIXTURES RECESSED IN SUSPENDED T-BAR CEILING. 13. FIXTURES WITH EMERGENCY BATTERY BACKUP SHALL BE WIRED AHEAD OF ANY LOCAL SWITCHING IN COMPLIANCE WITH NEC ARTICLE 700. 14. EMERGENCY LIGHTING UNITS SHALL BE EQUIPPED WITH FACTORY-INSTALLED INTEGRAL TEST SWITCHES AND PILOT LIGHTS. 15. PROVIDE DOOR-TO-FRAME AND LENS-TO-DOOR GASKETING, INVERTED LENS, AND FOOD SERVICE RATING FOR ALL FIXTURES LOCATED IN FOOD SERVICE AREAS. 16. LUMINAIRE THAT CONTAIN A BALLAST, POWER SUPPLY OR DRIVER THAT CAN BE SERVICED IN PLACE SHALL HAVE A DISCONNECTING MEANS EITHER INTERNAL OR EXTERNAL TO EACH LUMINAIRE SO AS TO DISCONNECT SIMULTANEOUSLY FROM THE SOURCE OF POWER ALL CONDUCTORS (INCLUDING THE GROUNDING CONDUCTOR IF ANY). IN ACCORDANCE WITH NEC ARTICLE 410, THE LINE-SIDE TERMINALS OF THE DISCONNECTING MEANS SHALL BE LOCATED SO AS TO BE ACCESSIBLE TO QUALIFIED PERSONS FOR SERVICING OR MAINTAINING THE BALLAST, POWER SUPPLY OR DRIVER. <ul style="list-style-type: none"> • L8/B0 - 80% OF LUMEN OUTPUT AT 50,000 HOURS, WITH FUNCTIONAL LIFESPAN GREATER THAN 60,000 HOURS (LED ELEMENTS AND POWER SUPPLIES) • CRI EQUIVALENT TO OR GREATER THAN 80 • EFFICACY EQUIVALENT TO OR GREATER THAN 80 LUMENS/WATT • CCT UNIFORMITY TO (3) MACADAM ELLIPSES • MINIMUM AMBIENT TEMPERATURE RATINGS: INTERIOR = 25°C (77°F), EXTERIOR = 45°C (113°F) • MINIMUM INGRESS PROTECTION RATINGS: INTERIOR = IP30, EXTERIOR = IP60 17. ALL FLUORESCENT LAMPS SHALL BE OF A LOW MERCURY DESIGN, HAVE A MINIMUM CRI RATING OF 80 AND 3500°K COLOR TEMPERATURE UNLESS NOTED OTHERWISE. 18. CHARACTERISTICS OF LED LUMINAIRE SHALL MEET OR EXCEED THE FOLLOWING MINIMUM STANDARDS UNLESS OTHERWISE INDICATED: <ul style="list-style-type: none"> • L8/B0 - 80% OF LUMEN OUTPUT AT 50,000 HOURS, WITH FUNCTIONAL LIFESPAN GREATER THAN 60,000 HOURS (LED ELEMENTS AND POWER SUPPLIES) • CRI EQUIVALENT TO OR GREATER THAN 80 • EFFICACY EQUIVALENT TO OR GREATER THAN 80 LUMENS/WATT • CCT UNIFORMITY TO (3) MACADAM ELLIPSES • MINIMUM AMBIENT TEMPERATURE RATINGS: INTERIOR = 25°C (77°F), EXTERIOR = 45°C (113°F) • MINIMUM INGRESS PROTECTION RATINGS: INTERIOR = IP30, EXTERIOR = IP60 |
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TYPE	DESCRIPTION AND MANUFACTURER	NOTES	TYPE	DESCRIPTION AND MANUFACTURER	NOTES
FI 120	2' X 4' RECESSED FLUORESCENT TROFFER WITH ACRYLIC LENS AND ELECTRONIC BALLAST. VOLTAGE: 120V LAMP: (3) FO32W, T8, 3500K MANUFACTURER: METALUX *2GR8-332A-UNV-EB8X		L1 30	6" LED DOWNLIGHT WITH DECORATIVE ACRYLIC FROSTED RING. VOLTAGE: 120V LAMP: LED (INCLUDED) MANUFACTURER: CONTECH *RA6LNC-535K12D1-CTR6324L2-CLR-1AR6F	
FIE 120	2' X 4' RECESSED FLUORESCENT TROFFER WITH ACRYLIC LENS, ELECTRONIC BALLAST AND 1400 LUMEN BATTERY PACK. VOLTAGE: 120V LAMP: (3) FO32W, T8, 3500K MANUFACTURER: METALUX *2GR8-332A-120-EL14-EB8X		L2 30	6" LED DOWNLIGHT WITH NON-DIMMING DRIVER. VOLTAGE: 120V LAMP: LED (INCLUDED) MANUFACTURER: CONTECH *RA6LNC-535K12D1-CST6322LW-CLR	
F2 80	2' X 4' RECESSED FLUORESCENT TROFFER WITH ACRYLIC LENS AND ELECTRONIC BALLAST. VOLTAGE: 120V LAMP: (2) FO32W, T8, 3500K MANUFACTURER: METALUX *2GR8-232A-UNV-EB81	2	L2E 30	6" LED DOWNLIGHT WITH NON-DIMMING DRIVER AND EMERGENCY BATTERY PACK. VOLTAGE: 120V LAMP: LED (INCLUDED) MANUFACTURER: CONTECH *RA6LNC-535K12D1-EBL-CST6322LW-CLR	
F2E 80	2' X 4' RECESSED FLUORESCENT TROFFER WITH ACRYLIC LENS, ELECTRONIC BALLAST AND 1400 LUMEN BATTERY PACK. VOLTAGE: 120V LAMP: (2) FO32W, T8, 3500K MANUFACTURER: METALUX *2GR8-232A-120-EL14-EB81	2	S4E 40	BUILDING MOUNTED LIGHT FIXTURE WITH EMERGENCY BATTERY PACK. VOLTAGE: 120V LAMP: LED (INCLUDED) MANUFACTURER: COOPER WPG4-4A-ED-EMLED	
F3 80	4' FLUORESCENT STRIP WITH 2 LAMPS AND WIREGUARD. VOLTAGE: 120V LAMP: (2) FO32W, T8, 3500K MANUFACTURER: METALUX *59F-232-UNV-EB81-WG/59F-4FT		X1 5	LED EXIT SIGN - NUMBER OF FACES AND CHEVRONS PER PLAN. VOLTAGE: 120V LAMP: LED (INCLUDED) MANUFACTURER: CONTECH *EELS-DFRLEDEM1-P	1
F3E 80	4' FLUORESCENT STRIP WITH 2 LAMPS, WIREGUARD AND 1400 LUMEN EMERGENCY BATTERY PACK. VOLTAGE: 120V LAMP: (2) FO32W, T8, 3500K MANUFACTURER: METALUX *59F-232-120-EL14-EB81-WG/59F-4FT				

- SHEET NOTES:**
- 1 REFER TO PLANS FOR DIRECTIONAL ARROWS AND NUMBER OF FACES.
 - 2 PROVIDE FIXTURE WITH METALUX *DF24W DRYWALL FRAMING KIT WHERE FIXTURES IS SHOWN IN A GYP BOARD CEILING.

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proj. no. 16-002
 date: 08-02-2016
 project architect: B.A.
 project manager: A.D.
 drawn by: MSA
 file name: LAKEWORTH
 revised:
 plot scale: AS NOTED
 sheet name:
 LIGHTING FIXTURE
 SCHEDULE

sheet no.
E0.3
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