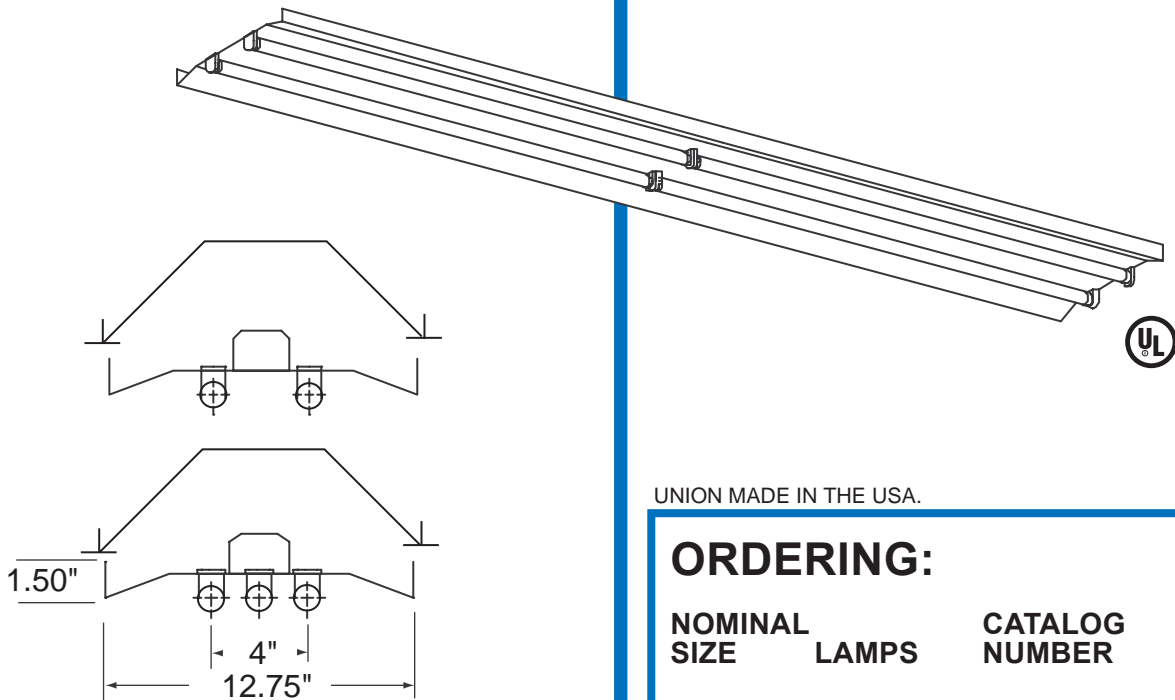


SERIES R220

1X2, 1X3, 1X4, 1X6 and 1X8
Recessed Open Fixture
Unitized Retrofit Assembly



FEATURES:

- LAMP MOUNTING BELOW THE CEILING LINE PROVIDES OVERALL BRIGHTER APPEARANCE TO SPACE
- LOWER PROFILE IMPROVES PHOTOMETRIC EFFICIENCY
- PRE-WIRED ASSEMBLY FOR EASE OF INSTALLATION AND MAINTENANCE
- FACTORY INSTALLED BRANCH CIRCUIT WIRING (STANDARD) ELIMINATES TIME CONSUMING ELECTRICAL CONNECTIONS
- COUPLER ALIGNERS ENSURE STRAIGHT ROWS
- POST PAINTED HIGH REFLECTANCE WHITE POWDER COAT HOUSING

UNION MADE IN THE USA.

ORDERING:

NOMINAL SIZE	LAMPS	CATALOG NUMBER
1'X 2'	1-FO17	R220-124T8
1'X 3'	1-FO25	R220-136T8
1'X 4'	1-FO32	R220-148T8
1'X 2'	2-FO17	R220-224T8
1'X 3'	2-FO25	R220-236T8
1'X 6'	2-FO25	R220-136-2T8
1'X 4'	2-FO32	R220-248T8
1'X 8'	2-FO32	R220-148-2T8
1'X 2'	3-FO17	R220-324T8
1'X 3'	3-FO25	R220-336T8
1'X 4'	3-FO32	R220-348T8
1'X 6'	4-FO25	R220-236-2T8
1'X 8'	4-FO32	R220-248-2T8
1'X 6'	6-FO25	R220-336-2T8
1'X 8'	6-FO32	R220-348-2T8

INSERT VOLTAGE AT END OF CATALOG NUMBER

NOTES:

1. OPTIONAL CUSTOM "IN LINE WIRING"
2. FOR BRANCH CIRCUIT WIRING SEE CONNECTOR PAGE IN ACCESSORIES SECTION

MANUFACTURING
1715 KIBBY ROAD - MERCED - CALIFORNIA - 95340
(209) 723-9120 - FAX: (209) 723-9131

SALES OFFICE
14722 WICKS BLVD. - SAN LEANDRO - CALIFORNIA - 94577-6718
(510) 667-6950 - FAX: (510) 667-6959

INSTALLATION INSTRUCTIONS

TURN OFF POWER TO FIXTURES TO BE WORKED ON.

REMOVE LAMPS FROM ORIGINAL FIXTURE.

STARTING AT END OF ROW, LOCATE POWER DROP.

FROM ABOVE CEILING, DISCONNECT INCOMING POWER TO ORIGINAL FIXTURE ROW. EITHER BY DRILLING A 7/8" DIA HOLE IN THE EXISTING FIXTURE OR REMOVING A LAMPHOLDER. DROP INCOMING POWER SUPPLY TO ROOM SIDE OF FIXTURE FOR LATER CONNECTION TO RETROFIT KIT.

INSTALL MOUNTING HARDWARE BRACKETS ON HORIZONTAL FLANGES OF T-BAR MAIN RUNNERS: ONE BRACKET AT (24" FOR 8') (12" FOR 4' & 6') (8" FOR 3') IN FROM EACH END OF FIXTURE
INSTALL SUPPLEMENTAL SUPPORT STRAP

AN INSTALLATION GAGE IS PROVIDED TO ASSIST IN LOCATING THE BRACKETS (GAGES ARE MARKED AS 8FT, 6FT, 4FT AND 3FT FOR RESPECTIVE VERSIONS), BUT THE INSTALLER IS RESPONSIBLE FOR ACCURATE LOCATION PER THE DIMENSIONS SHOWN IN FIG.3. AFTER VERIFYING ACCURATE LOCATION, (WHICH INCLUDES CENTERING THE BRACKET ACROSS THE NOMINAL ELEVEN INCH WIDE OPENING) MECHANICALLY FASTEN BRACKET TO T-BAR WITH SELF DRILLING SCREW THROUGH SLOT IN TAB OF BRACKET ON BOTH ENDS OF BRACKET

RAISE R220 UNIT TO CEILING, HOOK SAFETY CABLES ON BRACKETS WITH 'S' HOOKS PINCH CLOSED. CONNECT INCOMING POWER SUPPLY TO APPROPRIATE CONDUCTORS OF THE PT-SYSTEM.

REPEAT STEPS 5 AND 6 ON SUCCEEDING UNITS, PLUGGING THE PT-SYSTEMS (BRANCH CIRCUIT WIRES) TOGETHER IN THE PROCESS.

NOTE: CHECK POLARITY OF WIRES ON PT ASSEMBLY BEFORE PLUGGING TOGETHER INSURE THAT WIRE COLORS ARE SAME FROM MALE CONNECTOR TO FEMALE CONNECTOR.

AFTER ANY TWO UNITS ARE PLUGGED TOGETHER. RAISE ASSEMBLY UP TO T-BAR CEILING SO THAT STUDS ON MOUNTING HARDWARE PROTRUDE THROUGH HOLES IN REFLECTOR AND SECURE IN PLACE WITH #10-24 HEX NUTS PROVIDED.

NOTE: DO NOT USE POWERED TOOLS TO TIGHTEN HEX NUTS, ONLY FINGER TIGHT.

SLIDE COUPLER INTO POSITION BETWEEN UNITS BY PUSHING ON THE HEADS OF THE HEX HEAD SCREWS IN THE SLOTS AT THE END OF THE UNIT. THIS ALIGNS ONE KIT WITH THE NEXT.

INSTALL END CLOSURES ON THE END-OF-ROW KITS.

INSTALL LAMPS AND TURN ON POWER.

ACCESSORIES

4-6' MOUNTING CHAIN W/ "S" HOOKS
4-3' MOUNTING CHAIN W/ "S" HOOKS
6' PENDANT MOUNTING KIT (CS150)
6' STEM W/ LOCK NUTS

NOTE

All fixtures must be installed, wired and grounded in accordance with the National Electric Code and all other applicable codes.

!!! WARNING !!!

RISK OF FIRE OR ELECTRICAL SHOCK. ELECTRICAL PARTS MAY BE DAMAGED WHEN DRILLING OR USING "TEK" SCREWS FOR INSTALLATION OF MOUNTING HARDWARE. CHECK ENCLOSED WIRING AND COMPONENTS. USE CAUTION WHEN DRILLING "TEK" SCREWS INTO A BLIND AREA. TO PREVENT WIRING DAMAGE DO NOT EXPOSE WIRING TO SHARP EDGES.

