



3-TUBE SHALLOW DIRECT TYPE LUMINAIRE

THE LUMINAIRE SHALL HAVE AN AVERAGE BRIGHTNESS IN THE 60°-90° ZONE FROM NADIR NOT IN EXCESS OF 650 FOOT-LAMBERTS ENDWISE OR 700 FOOT-LAMBERTS CROSSWISE. THE COEFFICIENT OF UTILIZATION SHALL BE NO LESS THAN 0.43 BASED UPON A CEILING REFLECTANCE OF 50%, A WALL REFLECTANCE OF 30%, A FLOOR REFLECTANCE OF 10%, AND A ROOM INDEX OF "E".

THE LUMINAIRE SHALL BE U.L. APPROVED FOR CEILING MOUNTING WITH MINIMUM STRAPS, END TO END, SIDE BY SIDE, OR PATTERN INSTALLATION. THE ENCLOSURE SHALL BE A CLEAR ACRYLIC PLASTIC, PROVIDE LOW-BRIGHTNESS LOUVERING COMBINED WITH PRISMA TO OPTICALLY CONTROL ILLUMINATION AND REDUCE BRIGHTNESS. PANELS SHALL HAVE A GRID PATTERN OF SQUARE LOUVERS COVERED BY A PRISMATIC PANEL MOLDED IN ONE PIECE.

WIRING AND BALLASTS AND PROVIDE A COVER FOR CENTRAL FEED INTO THE FIXTURE. KNOCK-OUTS SHALL BE LOCATED IN THE ENDS AND ON THE SIDES. ENCLOSURES SHALL BE MOUNTED IN METAL FRAMES EQUIPPED WITH SEPARABLE HINGES AND STAINLESS STEEL SPRING-ACTUATED TRIGGER LATCHES. ALL ELECTRICAL COMPONENTS SHALL BE REPLACEABLE WITHOUT DISTURBING THE FIXTURE ON THE CEILING. BALLAST SHALL BE 430 MA, INDIVIDUALLY PROTECTED, LOW DECIBAL SOUND RATED, AND MOUNTED IN CONTACT WITH BOTH BACKPLATE AND SIDE WALL OF FIXTURE. ALL STEEL SURFACES SHALL BE PRETREATED BY A PROTECTIVE COATING OF ZINC PHOSPHATE, APPLIED IN A FIVE-STAGE PROCESS. FINAL FINISH SHALL BE HOT-BONDED BAKED WHITE ENAMEL.

THE LUMINAIRE SHALL BE A TANDEM 4-FOOT RAPID START UNIT EQUIPPED WITH F40T12 LAMP AS REQUIRED.