

ELECTRICAL SPECIFICATIONS

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SCOPE OF WORK – REPLACE EXISTING METAL HALIDE LAMPS WITH COMPATIBLE LED LAMPS, IN THE SWIMMING POOL AREA FIXTURES. APPROXIMATELY 30 FIXTURES.

REWIRE FIXTURE AS REQUIRED TO SUPPORT THE NEW LED LAMP.

ELECTRICAL SYSTEM SHALL BE INSTALLED CONSISTENT WITH JOB CONDITIONS AND APPLICABLE CODE REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE OPERATING SYSTEM.

THE CONTRACTOR SHALL COORDINATE WORK WITH THE OWNER FOR SPECIAL CONDITIONS.

ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH LOCAL CODES AND, NEC.

SECURE NECESSARY PERMITS AND PAY ALL REQUIRED FEES APPLICABLE TO THE WORK IN THESE SPECIFICATIONS.

EQUIPMENT AND SYSTEM INCLUDED IN ELECTRICAL CONTRACT

PROVIDE ALL MATERIALS, SUPPLIES, LABOR AND EQUIPMENT REQUIRED TO PLACE IN SATISFACTORY OPERATING CONDITION THE ELECTRICAL SYSTEMS AS APPLICABLE AND SPECIFIED IN THIS DIVISION.

BEFORE SUBMITTING PROPOSAL

EXAMINE THE SITE AND SPECIFICATIONS RELATING TO WORK AND VERIFY THE LAMP BASE TYPE, NUMBER OF FIXTURES BEING RE-LAMPED.

CALL ANY DISCREPANCIES OR PROPOSED CHANGES TO THE ATTENTION OF THE ARCHITECT PRIOR TO SUBMITTING A PROPOSAL.

LED LAMP

LED SHALL HAVE A UNIVERSAL APPLICATION. REPLACING ANY CURRENT HPS' OR HIDS. VOLTAGE RANGE OF 85–277V AND 50/60HZ. IP64. NOTE THAT BALLAST MUST BE BYPASSED WHEN REPLACING METAL HALIDES OR HPS
LIFETIME OF 22 YEARS (365 DAYS, BASED ON 6 HRS/DAY)

120W LED CORN COB BULB WILL REPLACE A 400 WATTS METAL HALIDE/ HPS BULB. MADE TO REPLACE 400 WATT MH LAMPS.

PROVIDE IP64 RATED LED CORN LIGHT BULBS, DUST-PROOF, AND HAVE A 360 DEGREE BEAM ANGLE WHICH IS IDEAL FOR LIGHTING COMMERCIAL AND INDUSTRIAL SPACES SUCH AS WAREHOUSES, STORAGE ROOMS, FACTORIES, SUPERMARKETS AND SHOPPING MALLS. THE BASE OF THE LAMP SHALL BE MOGUL TYPE, VERIFY AT SITE.

THIS UL LISTED E480549 BULB IS EQUIPPED WITH AN INTERNAL DRIVER, AND COOLING FAN FOR SAFETY AND RELIABILITY

NOTE: WHEN RETROFITTING LED TO HID FIXTURE, BALLAST MUST BE BY-PASSED WHEN PRESENT AND PROPRIETARY POWER SUPPLY INSTALLED . ELIMINATING THE BALLAST SAVES ADDITIONAL COSTS RELATED TO MAINTENANCE, ENERGY CONSUMPTION AND PERFORMANCE. ADDITIONALLY, BY-PASSING BALLAST WILL INSURE NO RFI INTERFERENCE OR AUDIBLE BUZZ.

REQUIRED SUBMITTALS

SUBMIT SHOP DRAWINGS FOR APPROVAL ON THE FOLLOWING ITEMS:
LAMPS