MAXIMUM EFFECTIVE PROJECTED AREA - 2.37 FT²
MAXIMUM WEIGHT - 66 LBS

COVER TYPE
ESPLANADE
UTILITY

BALLAST TYPE
100HP = 100W HPS
150HP = 150W 55V HPS
250HP = 250W HPS

VOLTAGE
12 = 120 VOLT

HOUSING
COLOR
BLACK

OPTIONS
DS = DEEP SKIRT
SS = SHALLOW SKIRT
PS = PROTECTED STARTER (HPS ONLY)
R = TURN-LOCK PHOTOCONTROL RECEPTACLE (REQUIRED)

SPECIFICATIONS
DESCRIPTION
THE ESPLANADE LUMINAIRE IS STYLED TO REPLICATE THE "TEARDROP" LUMINAURES THAT LIGHTED BOULEVARDS IN THE FIRST HALF OF THIS CENTURY, DESIGNED FOR LIGHT CONTROL AND EASE OF INSTALLATION AND MAINTENANCE. THE ESPLANADE HAS A PRECISION OPTICAL SYSTEM FOR TRUE STREET LIGHTING PERFORMANCE.

WIRING CHAMBER
THE WIRING CHAMBER HAS A 1-1/2 INCH, GASKETED, NPT THREADED ENTRY FOR PENDANT MOUNTING. A STAINLESS STEEL SET SCREW LOCKS THE UNIT IN POSITION. A THREE STATION TERMINAL BLOCK WILL ACCEPT #14 THROUGH #2 WIRE IS AND IS PREFIRED TO ONE HALF OF THE PLUG ASSEMBLY THAT CONNECTS TO THE REMOVABLE ELECTRICAL MODULE.

ELECTRICAL / REFLECTOR ASSEMBLY
THE ELECTRICAL / REFLECTOR ASSEMBLY HINGES DOWN FROM THE WIRING CHAMBER FOR EASE IN WIRING AND TO FACILITATE THE REMOVAL OF THE ELECTRICAL MODULE, THE ASSEMBLY IS SECURED IN PLACE BY A STAINLESS STEEL LATCH. THE UNITIZED ELECTRICAL MODULE CONSISTS OF THE BALLAST MOUNTED TO AN ALUMINUM PLATE THAT IS EASILY REMOVED BY LOOSENING TWO SCREWS IN KEYHOLE SLOTS, THE DISCONNECT PLUG connect the BALLAST TO THE TERMINAL BLOCK IN THE WIRING CHAMBER. THE SOCKET IS STREET LIGHTING GRADE WITH NICKEL PLATED LAMP GRIP SHELL, CENTER CONTACT BACKED BY A COILED SPRING AND GLAZED PORCELAIN BODY. THE ANODIZED AND BRIGHTENED REFLECTOR IS FORMED WITH FLUTES TO CONTROL VOLTAGE RISE IN THE LAMP AND TO WORLD IN CONJUNCTION WITH THE REFLECTOR TO PROVIDE THE DESIRED DISTRIBUTION OF LIGHT.

REFRACTOR / DOOR ASSEMBLY
THE CAST ALUMINUM DOOR CRADLES A TEARDROP OR SAG SHAPED, THERMAL RESISTANT BOROSILICATE GLASS REFRACTOR THAT CONTROLS THE LIGHT TO PROVIDE AN I.E.S. SYMMETRIC OR ASYMMETRIC CUT O.F DISTRIBUTION, THE COMBINATION OF REFLECTOR, REFRACTOR AND VERTICAL BURNING LAMP MAXIMIZE EFFICIENCY AND UNIFORMITY OF ILLUMINATION WHILE CONTROLLING LUMINAIRE BRIGHTNESS. THE REFRACTOR ASSEMBLY AND DECORATIVE SKIRT (WHEN APPLICABLE) ASSEMBLY HINGES FROM THE ELECTRICAL / REFLECTOR ASSEMBLY AND IS LATCHED BY A STAINLESS STEEL, COWING NUT ASSEMBLY.

BALLAST
(REFER TO BALLAST DATA SHEET FOR SPECIFIC OPERATING CHARACTERISTICS)
150 WATT AND BELOW 120 VOLT HIGH PRESSURE SODIUM (HPS) BALLASTS ARE HIGH POWER FACTOR REACTOR TYPE. ALL OTHER 150 WATT AND BELOW ARE HIGH POWER FACTOR AUTOTRANSFORMER TYPE. 250 AND 400 WATT HPS BALLASTS ARE LEAD TYPE. ALL METAL HALIDE (MH) BALLASTS ARE PEAK LEAD AUTOTRANSFORMER TYPE.

FINISH / MATERIAL
THE LUMINAIRE IS FINISHED WITH POLYESTER POWDER PAINT APPLIED AFTER A SEVEN STAGE PRETREATMENT PROCESS TO INSURE MAXIMUM DURABILITY. ALL CASTINGS UTILIZE ALLOY #356 ALUMINUM FOR MAXIMUM CORROSION RESISTANCE AND ALL EXPOSED HARDWARE IS STAINLESS STEEL.

CUUL/UL LISTING
CUUL/UL LISTING SUITABLE FOR WET LOCATIONS AT 40 DEGREES C.

DATE: 09/04/2007

NOT TO SCALE

CITY OF ELK GROVE - PUBLIC WORKS

ZONE 2 LUMINAIRE
(SERIES 'A')

APPROVED BY: CITY ENGINEER

DRAWING NUMBER
SL - 32