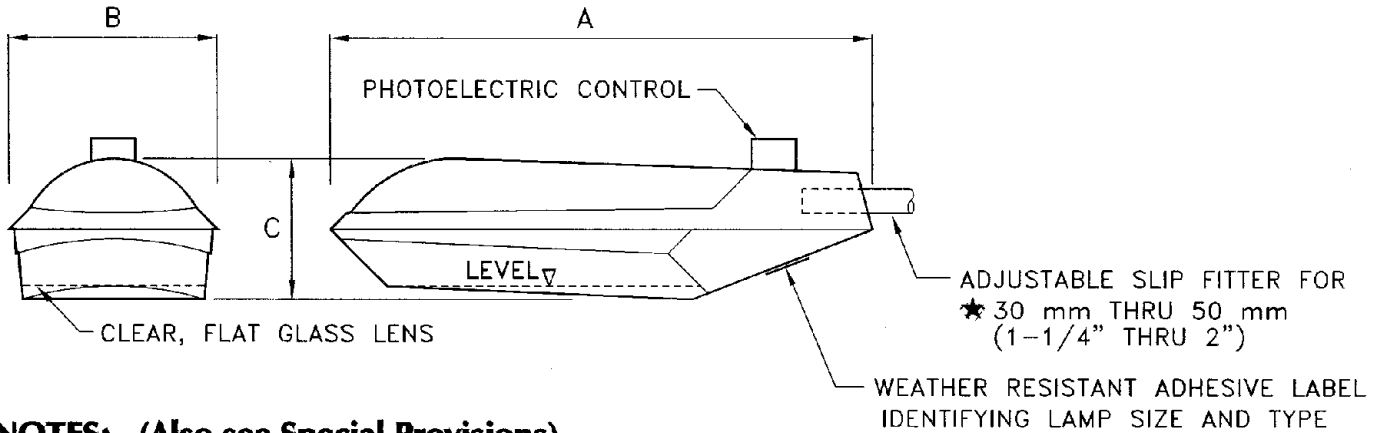


MANUFACTURER (OR APPROVED EQUAL)	LUMINAIRE		
	★A mm (inch)	★B mm (inch)	★C mm (inch)
G.E. M-250 A2 CUTOFF LUMINAIRE - 50 TO 150 WATT (UNLESS OTHERWISE NOTED)	690 (27)	330 (13)	178 (7)
G.E. M-400 CUTOFF POWER/DOOR LUMINAIRE - 200 TO 400 WATT	910 (36)	430 (17)	254 (10)
HUBBELL RL - CX - 40SXX	910 (36)	410 (16)	203 (8)



**NOTES: (Also see Special Provisions)**

1. CUTOFF TYPE HORIZONTAL BURNING LUMINAIRES SHALL:
  - A. CONFORM TO SECTION 86-6.01 OF THE STATE SPECIFICATIONS.
  - B. INCLUDE LAMP AND INTEGRAL BALLAST AS SPECIFIED BELOW.
  - C. HAVE A TWIST LOCK TYPE PHOTOELECTRIC (P.E.) RECEPTACLE WIRED FOR 120 VOLT (NOMINAL) OPERATION OR CAPPED AND ELECTRICALLY ISOLATED WHEN LUMINAIRE IS SERIES - 6.6A.
  - D. INCLUDE A PHOTOELECTRIC (P.E.) CONTROL (IF MULTIPLE) AS SPECIFIED BELOW.
  - E. PROVIDE MEDIUM - CUTOFF - TYPE III I.E.S. LIGHT DISTRIBUTION.
  - F. HAVE INDICES SURFACES NECESSARY FOR POSITIONING AND LEVELING.
2. BALLAST:
  - A. MULTIPLE BALLASTS SHALL BE 120V/60 HZ. MAGNETIC REGULATOR FOR HPS AND REGULATOR TYPE FOR MERCURY VAPOR.
3. LAMPS SHALL:
  - A. BE OF THE TYPE AND WATTAGE NOTED ON THE PLANS.
  - B. BE OF THE CLEAR, HARD GLASS TYPE.
  - C. HAVE A MINIMUM RATED LIFE OF 24000 HOURS.
  - D. HAVE DESIGN CENTER VOLTAGE OF 55 IF 150 WATT HPS LAMPS ARE USED.
4. P.E. CONTROLS SHALL:
  - A. BE TYPE IV (STATE SPECIFICATIONS).
  - B. HAVE BUILT IN SURGE PROTECTION, DELAYED RESPONSE AND "LIGHT-ON" FAIL SAFE.
  - C. BE THE FOLLOWING OR APPROVED EQUAL: FISHER PIERCE PART NO. 6690B  
RIPLEY SUNSWITCH PART NO. 6190

★ - EXACT CONVERSION (ENGLISH DIMENSION WILL REMAIN).

**CITY OF PASADENA - PUBLIC WORKS & TRANSPORTATION DEPARTMENT**

DRAWN BY:  
ARNOLD DICHOSA

CHECKED BY:  
CATHY CHANG

SUBMITTED BY:  
JIM VALENTINE

**HORIZONTAL BURNING LUMINAIRE  
HIGH PRESSURE SODIUM (HPS)**

APPROVED BY:  
*David A. Be...*  
CITY ENGINEER RCE NO. 38689 EXPIRES MARCH 31, 2005

01/24/2003  
DATE

REVISION: 2 UNITS: DUAL

STANDARD PLAN:

**S-950**

SHEET 1 OF 1

S950-1-1 REV2.DWG 01/08/03