DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED ELECTRICAL ENGINEER

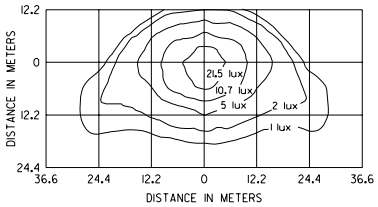
July 1, 1999
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER Sompol Chatusripitak No. E13633 Exp. 6-30-03 ELECTRICAL STATE OF CALIFORNIA

Caltrans Metric

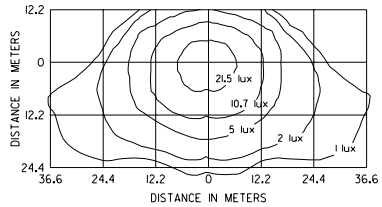
ISOLUX CURVE - MINIMUM



TYPE III MEDIUM CUTOFF

Cutoff Luminaire
9.1 m Mounting Height
LAMP OPERATED AT 22 000 lm
200 W HIGH PRESSURE SODIUM LAMP
ANSI DESIGNATION S66

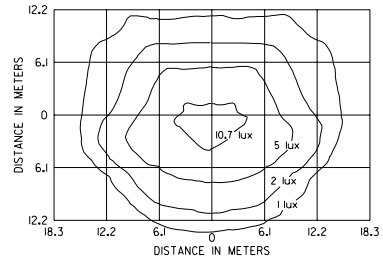
ISOLUX CURVE - MINIMUM



TYPE III MEDIUM CUTOFF

Cutoff Luminaire
12.2 m Mounting Height
LAMP OPERATED AT 37 000 lm
310 W HIGH PRESSURE SODIUM LAMP
ANSI DESIGNATION S67

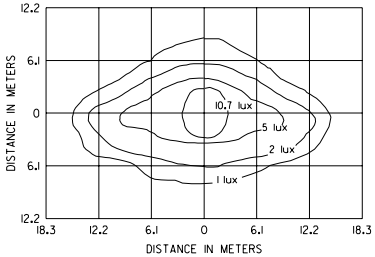
ISOLUX CURVE - MINIMUM



DETAIL "F" SOFFIT LUMINAIRE

5.2 m Mounting Height
LAMP OPERATED AT 5800 lm
70 W HIGH PRESSURE SODIUM LAMP
ANSI DESIGNATION S62

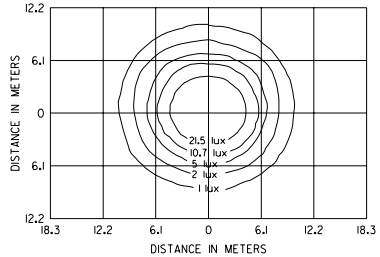
ISOLUX CURVE - MINIMUM



PENDANT SOFFIT LUMINAIRE - 70 W
TYPE III SHORT

5.2 m Mounting Height
LAMP OPERATED AT 5800 lm
HIGH PRESSURE SODIUM LAMP
ANSI DESIGNATION S62

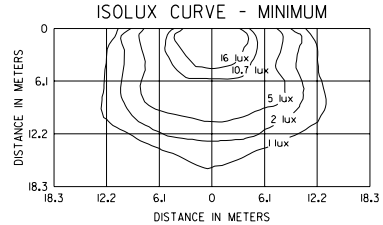
ISOLUX CURVE - MINIMUM



PENDANT SOFFIT LUMINAIRE - 70 W

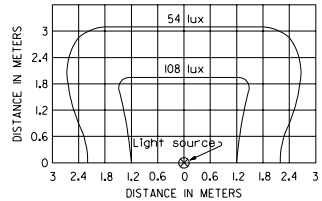
5.2 m Mounting Height
LAMP OPERATED AT 5800 lm
HIGH PRESSURE SODIUM LAMP
ANSI DESIGNATION S62

ISOLUX CURVE - MINIMUM



DETAIL "W" WALL LUMINAIRE

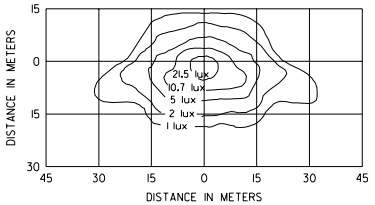
4.6 m Mounting Height
LAMP OPERATED AT 9500 lm
100 W HIGH PRESSURE SODIUM LAMP
ANSI DESIGNATION S54



SIGN LIGHTING FIXTURE ISOLUX DIAGRAM

1. Curves represent the minimum lux of initial illumination on a 3 m x 6 m panel.
2. The lux shown are with the fixture attached to the light fixture mounting channel which places the center of the source 1420 mm in front of panel and 300 mm below the bottom edge.
3. Applicable lamp: 175-W deluxe white mercury, H 39KC - R175/DX rated at approximately 8150 lm.

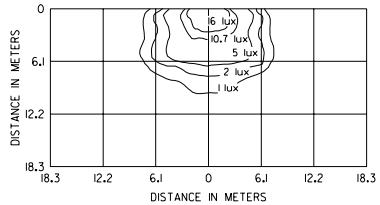
ISOLUX CURVE - MINIMUM



TYPE III MEDIUM CUTOFF

Cutoff Luminaire
9.1m Mounting Height
LAMP OPERATED AT 16 000 lm
150 W HIGH PRESSURE SODIUM LAMP
ANSI DESIGNATION S55

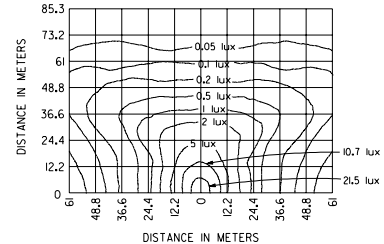
ISOLUX CURVE - MINIMUM



DETAIL "W" WALL LUMINAIRE

4.6 m Mounting Height
LAMP OPERATED AT 5800 lm
70 W HIGH PRESSURE SODIUM LAMP
ANSI DESIGNATION S62

ISOLUX CURVE - MINIMUM



LOW PRESSURE SODIUM LUMINAIRE

12.2 m Mounting Height
LAMP OPERATED AT 33 000 lm
180 W LOW PRESSURE SODIUM LAMP

NOTES

Isolux diagrams show the minimum horizontal lux required.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS ISOLUX DIAGRAMS

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

ES-10

1999 STD. PLAN ES-10