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

Caltrans Metric

REGISTERED ELECTRICAL ENGINEER

July 1, 2004
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Martha V. Styer No. E13738 Exp. 6-30-07 ELECTRICAL STATE OF CALIFORNIA

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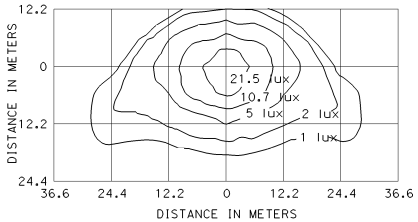
To get to the Caltrans web site, go to: http://www.dot.ca.gov

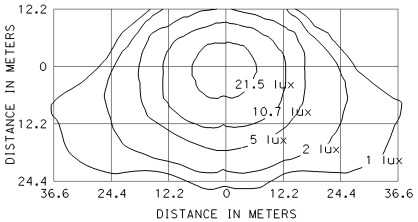
ISOLUX CURVE - MINIMUM



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

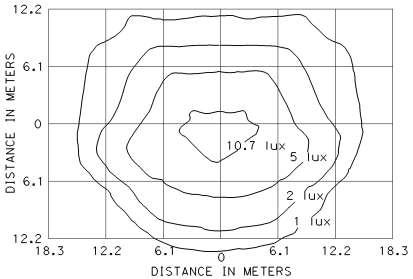
ISOLUX CURVE - MINIMUM



TYPE III MEDIUM CUTOFF

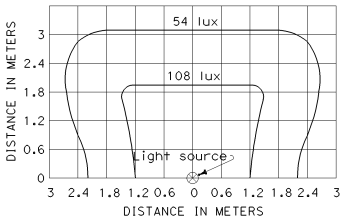
Cutoff Luminaire
12.2 m Mounting Height
LAMP OPERATED AT 37 000 lm
310 W HIGH PRESSURE SODIUM LAMP
ANSI DESIGNATION S67

ISOLUX CURVE - MINIMUM



FLUSH SOFFIT LUMINAIRE

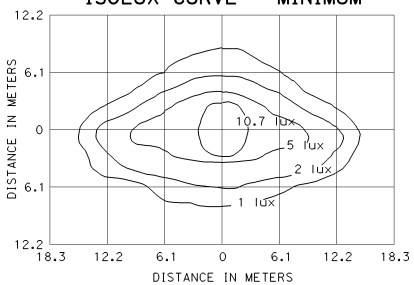
5.2 m Mounting Height
LAMP OPERATED AT 5800 lm
70 W HIGH PRESSURE SODIUM LAMP
ANSI DESIGNATION S62



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: 85-W fluorescent phosphor coated lamp rated at approximately 8150 lm.

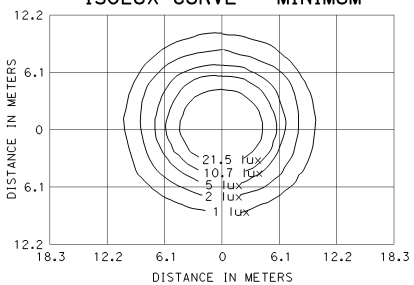
ISOLUX CURVE - MINIMUM



PENDANT SOFFIT LUMINAIRE
TYPE III SHORT

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

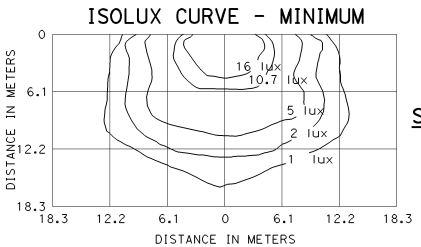
ISOLUX CURVE - MINIMUM



PENDANT SOFFIT LUMINAIRE

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

ISOLUX CURVE - MINIMUM



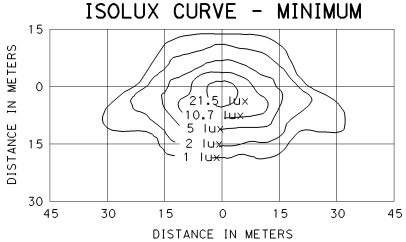
DETAIL ``W'' WALL LUMINAIRE

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

NOTE

Isolux diagrams show the minimum horizontal lux required.

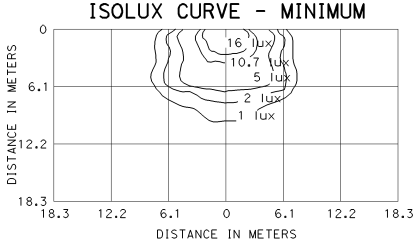
ISOLUX CURVE - MINIMUM



TYPE III MEDIUM CUTOFF

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

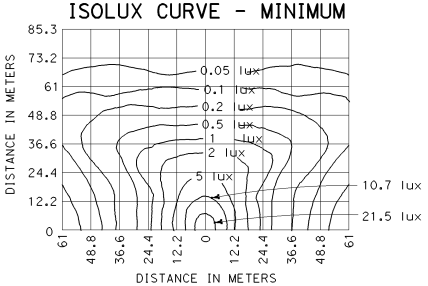
ISOLUX CURVE - MINIMUM



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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (ISOLUX DIAGRAMS)

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

ES-10

2004 Std PLAN ES-10

07-19-04