



LAMP SIZE SHALL BE 8,000 LUMEN (OR 70 WATT)
 LAMP TYPE SHALL BE HIGH PRESSURE SODIUM (HPS)
 LUMINAIRE SHALL BE FULL CUT-OFF

LAMPS SHALL BE DESIGNED FOR 120 VOLT SYSTEMS,
 AND ALL LUMINARIES SHALL BE WIRED FOR 120 VOLTS.

IF LED, USE LEOTEK GREENCOBRA JR
 GCJ1-20H-MV-WW-2R-GY-450-PCR7 (3470 LUMENS,
 29 WATT) OR APPROVED EQUAL.

NOTES:

1. ELECTRICAL DISTRICT REQUIREMENTS: THE CITY OF INDIO IS WITHIN THE IMPERIAL IRRIGATION DISTRICT'S (IID) ELECTRICAL SERVICE AREA. CONTACT IID FOR THE SERVICE CONNECTION AND ANY ADDITIONAL DETAILS.
2. POLE SPECIFICATIONS: THE STREET LIGHT POLE, ARM, AND RELATED HARDWARE SHALL BE AMERON N308, OR APPROVED EQUAL, FOR THE STREET LIGHTS IN RESIDENTIAL AREAS.
3. DESIGN PARAMETERS FOR POLE, LAMP, AND RELATED HARDWARE:
 - 100 MPH WIND FACTOR
 - 1.3 GUST FACTOR
 - LUMINAIRE EPA OF 2.0 SQ. FT.
 - LUMINAIRE TO BE FULL CUT-OFF
 - ANCHOR BOLTS SHALL COME WITH TWO NUTS AND TWO WASHERS AND SHALL MEET ASTM F1554 GRADE 55 SPECIFICATION.
 - POLE AND ARM SHALL BE TAPERED AND SHALL BE GALVANIZED IN CONFORMANCE WITH ASTM A123
 - HANDHOLE WITH LOCKING REMOVABLE COVER (4.0" x 6.5" MIN), BASE COVER, AND REMOVABLE POLE CAP REQUIRED WITH THE POLE
4. WIRE AND CONDUIT REQUIREMENTS:
 - A. FROM TRANSFORMER TO POLE BASE
 - i. GRAY PVC SCH 40, 1-1/2" DIAMETER CONDUIT REQUIRED
 - ii. TWO #6 THHN SOLID CONDUCTORS (ONE BLACK AND ONE WHITE) REQUIRED IN CONDUIT FROM TRANSFORMER TO POLE BASE
 - B. POLE BASE TO TOP OF POLE
 - i. NO CONDUIT REQUIRED
 - ii. TWO #8 THHN SOLID CONDUCTORS (ONE BLACK AND ONE WHITE) REQUIRED FROM POLE BASE TO TOP OF POLE

PROFILE

L:\Public Works - Engineering Standards\INDIO-200 Rev #2, Nov 2019 11/25/2019 11:50 AM



JUAN RAYA, P.E. CITY ENGINEER RCE 68510		07/31/17	
		DATE	
REV.	DRAWN BY:	APP'D:	DATE:
△	DV	JR	07/31/17
△	DV	JR	11/25/19



**STREET LIGHT
RESIDENTIAL AREA**

STANDARD PLAN No.: **200**

NOV 2019