

**BULB & SOCKET ORDERING INFORMATION FOR SOLAR-RAY® SEARCHLIGHTS**

**883/884/885 SERIES - 10", 12" AND 14"**

BULBS ARE NOT INCLUDED IN LIGHTS

To give good results, the bulb and reflector must be perfectly compatible; therefore be sure to specify the catalog number of the bulb desired. Peak candlepower is exceedingly sensitive to many factors, (i.e., a light source out of focus by 1/32 inch, under-voltage of only 4%, or differences between bulb manufacturers) which can cause a reduction of range of up to 20%.

**INCANDESCENT BULB ORDERING INFORMATION**

<u>Bulb Catalog Number</u>	<u>Voltage</u>	<u>Wattage</u>	<u>Socket Type</u>	<u>Socket Code Letter</u>	<u>For Searchlight Sizes Inches</u>	<u>Rated* Life Hours</u>	<u>Mfg. Bulb Code</u>
806	32	500	Medium Screw	B	10, 12, 14	50	DLT
807	120	500	Medium Prefocus	E	10, 12, 14	25	CZX
809	120	750	Medium Prefocus	E	12, 14	25	DDB
837	120	750	Medium Prefocus	E	12, 14	200	DGH
810	120	1000	Medium Prefocus	E	12, 14	25	DRS
811	120	1000	Mogul Screw	D	12, 14	50	DPT
860	230	1000	Medium Prefocus	E	12, 14	50	DWK

For a More Concentrated Beam, Longer Range, Brighter Light and a Longer Life, We Recommend the Following Bulbs:

**"QUARTZ" TUNGSTEN-HALOGEN BULB ORDERING INFORMATION**

<u>Bulb Catalog Number</u>	<u>Voltage</u>	<u>Wattage</u>	<u>Socket Type</u>	<u>Socket Code Letter</u>	<u>For Searchlight Sizes Inches</u>	<u>Rated* Life Hours</u>	<u>Mfg. Bulb Code</u>
816	12	100	2-Pin Prefocus	F	10, 12, 14	50	FDT
836	24	150	2-Pin Prefocus	G	10, 12, 14	50	DZE-FDS
817	32	200	2-Pin Prefocus	H	10, 12, 14	200	G.E. 1945
844	120	500	Medium Prefocus	E	10, 12, 14	500	BTL
820	120	600	2-Pin Prefocus	I	10, 12, 14	75	DYS
845	120	750	Medium Prefocus	E	12, 14	200	BTP
839	120	900	2-Pin Prefocus	K	12, 14	75	BVA
846	120	1000	Medium Prefocus	E	12, 14	200	BTR

PLEASE ORDER CAREFULLY, BULBS ARE NOT RETURNABLE.

**\*NOTE:** These are the "Rated Average Laboratory Life in Hours" of the Bulb Manufacturer obtained in closely controlled laboratory life testing groups of lamps at their design voltage. It is not necessarily the same as the service life where conditions such as shock, vibration, voltage fluctuation and environment may result in a shorter average attained life.

**ELECTRIC SOCKET AND SUPPORT STAND ASSEMBLIES**

Solar-Ray® Searchlights include a socket and support stand assembly based on the bulb or socket information given when ordering. The following chart makes it possible to order and stock different socket and stand assemblies for field conversion to meet a large variety of voltage and candlepower requirements with a minimum of inventory.

**ORDERING INFORMATION**

<u>Socket Type</u>	<u>Socket Code</u>	<u>For 10" Searchlights</u>		<u>For 12" Searchlights</u>		<u>For 14" Searchlights</u>	
		<u>Catalog Number</u>	<u>Height Stand Inches</u>	<u>Catalog Number</u>	<u>Height Stand Inches</u>	<u>Catalog Number</u>	<u>Height Stand Inches</u>
Medium Screw	B	872 001	1-1/4	872 002	2-1/4	872 003	3-1/4
Medium Prefocus	E	873 001	1-5/16	873 002	1-15/16	873 003	2-15/16
Mogul Screw	D	-----	-----	874 002	7/16	874 003	1-1/4
2-Pin Prefocus (12 Volt)	F	875 001	3-1/2	875 002	4-1/2	875 003	5-1/2
2-Pin Prefocus (24 Volt)	G	876 001	3-1/4	876 002	4-1/4	876 003	5-1/4
2-Pin Prefocus (32 Volt)	H	878 001	3-1/4	878 002	4-1/4	878 003	5-1/4
2-Pin Prefocus (600 Watt)	I	879 001	3-1/8	879 002	4-1/8	879 003	5-1/8
2-Pin Prefocus (900 Watt)	K	-----	-----	880 002	3-13/16	880 003	4-13/16

**NOTE:** Refer to Page 32 for Spare/Replacement Electric Socket Only Ordering Information.