

SPARE PARTS FOR 19 INCH SERIES SOLAR RAY<sup>®</sup> SEARCHLIGHTS

## 1901 &amp; 1902 SERIES

ALL ALUMINUM - WHITE PERKO•KOTE FINISH

## ORDERING INFORMATION

Description	Catalog No.
Deck Control Searchlight Head Assembly*	1901 004 WHT
Wheel or Lever/Gear Control Searchlight Head Assembly (Requires Control Assembly Below)	1902 004 WHT
Wheel Control Assembly (For Above)	1922 000 WHT
Lever/Gear Control Assembly (For Above)	1921 000 WHT

\*Cannot Be Fitted With Controls.

Custom Control Lengths and Pedestal Heights Are Available. Price Upon Application. Specify Measurements.

BULBS ARE NOT INCLUDED IN LIGHTS

## BULB ORDERING INFORMATION FOR 19 INCH SEARCHLIGHTS

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 can cause a reduction of range of up to 20%).

For a More Concentrated Beam, Longer Range, Brighter Light and a Longer Life, We Recommend the Quartz/Halogen Bulbs.

Voltage	Approx. Range Miles*	Bulb Catalog Number	Bulb Type	Socket Type	Socket Code Letter	Wattage	Rated Life Hours**	Maximum Candlepower Output	Horizontal Beam Spread Degrees	Vertical Beam Spread Degrees	Mfg. Bulb Code
32	1-2/3	806	Incandescent	Medium Screw	B	500	50	3,520,000	3.5	3.7	DET
120	1-3/8	837	Incandescent	Medium Prefocus	E	750	200	2,076,000	3.6	4.2	DDY
120	1-5/8	845	Quartz/Halogen	Medium Prefocus	E	750	200	2,871,000	3.6	5.4	BTP
120	1-5/8	807	Incandescent	Medium Prefocus	E	500	25	3,191,000	3.5	4.0	CZX
120	1-2/3	859	Quartz/Halogen	Mogul Prefocus	M	2000	250	3,633,000	9.4	5.9	BVW
120	1-2/3	847	Quartz/Halogen	Mogul Prefocus	M	1000	200	3,659,000	4.5	5.4	BVV
120	1-3/4	844	Quartz/Halogen	Medium Prefocus	E	500	500	3,861,000	3.0	5.4	BTL
120	1-3/4	809	Incandescent	Medium Prefocus	E	750	25	4,569,000	3.6	4.5	DDB
120	1-7/8	846	Quartz/Halogen	Medium Prefocus	E	1000	200	4,601,000	4.5	5.4	BTR
120	2	848	Quartz/Halogen	Mogul Prefocus	L	1500	100	5,596,000	5.9	5.7	DTA
120	2	810	Incandescent	Medium Prefocus	E	1000	25	5,622,000	3.6	4.2	DRS
120	2	839	Quartz/Halogen	2-Pin Prefocus	K	900	75	5,769,000	5.9	5.4	BVA
120	2-1/8	840	Incandescent	Mogul Prefocus	L	1500	25	5,968,000	5.6	5.4	DTJ
230	1-3/8	860	Incandescent	Medium Prefocus	E	1000	50	2,162,000	7.9	6.5	DWK

\*The approximate ranges listed above are based on photometric measurements of beam candlepower output under ideal conditions. Many factors such as atmospheric conditions, size and color of target, background, etc., may reduce effective range considerably; therefore, these figures are offered only as a guide to compare different bulb and voltage options.

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 of 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 for 19 Inch Searchlights

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

## ORDERING INFORMATION

Socket Type	Socket Code	Socket & Stand Catalog Number	Height Stand Inches
Medium Screw	B	872 004	5-3/4
Medium Prefocus	E	873 004	5-7/16
Mogul Prefocus (1500 Watt)	L	1930 004	3-5/8
Mogul Prefocus (1000 & 2000 Watt)	M	1931 004	3-1/8
2-Pin Prefocus (900 Watt)	K	880 004	7-5/16