

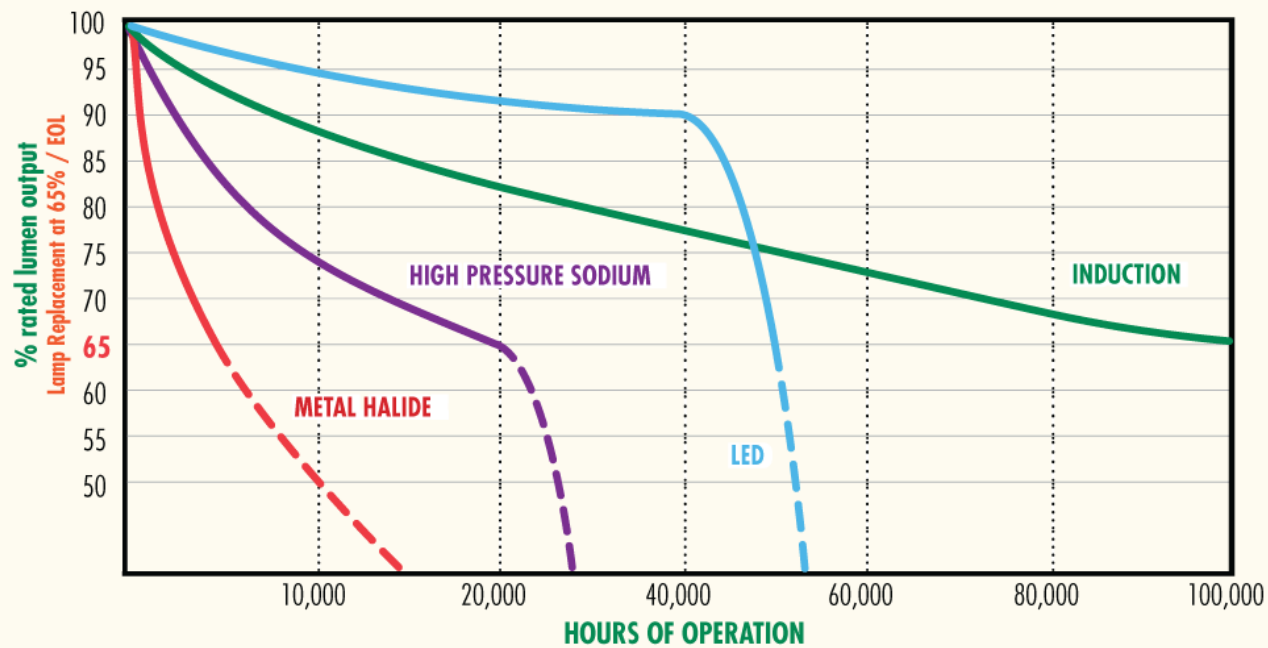
# INDUCTION SERIES

## INDUCTION VS LED / METAL HALIDE / HIGH PRESSURE SODIUM

	INDUCTION	LED	MH	HPS
LAMP LIFE (Hours)	60k - 100k	30k - 50k	10k - 15k	15k - 24k
LIGHTING EFFICIENCY Lm/Wt	65 - 90	40 - 65	60 - 110	60 - 120
CRI	> 80	> 70	> 70	> 20
S/P RATIO	1.46 - 2.25	1.96	1.49	0.62
COLOR TEMPERATURE	Full Range	Limited Range	Limited Range	Limited Range
HOT RESTART	INSTANT	INSTANT	DELAY	DELAY
MERCURY	Low	N/A	Low - High	Low - Medium

# INDUCTION SERIES

**ESTIMATED LUMEN MAINTENANCE**



# INDUCTION SERIES

## DEFINITIONS

### SCOTOPIC VISION

The scientific term for human visual perception in low light (night vision); directed by rod cells in the human eye.

### PHOTOPIC VISION

The scientific term for human color vision under normal conditions during the day, directed by cone cells in the human eye.

### MESOPIC VISION

The scientific term for the combination between Photopic and Scotopic vision taking into account the total sensitivity of the rod cells in the eye for the blue range, with the color perception of the cone cells.

# INDUCTION SERIES

## SCOTOPIC/PHOTOPIC (S/P) RATIO

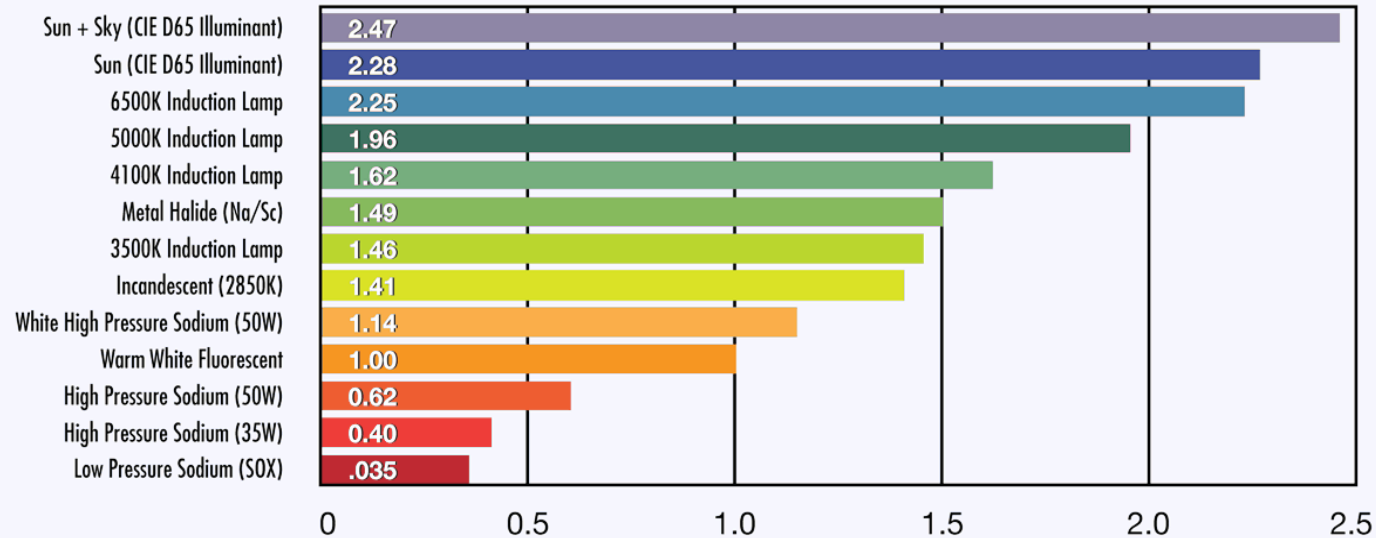


Chart calculations by Berkley Labs - actual selection of induction lamp wattage and type will vary with installation and user requirement.