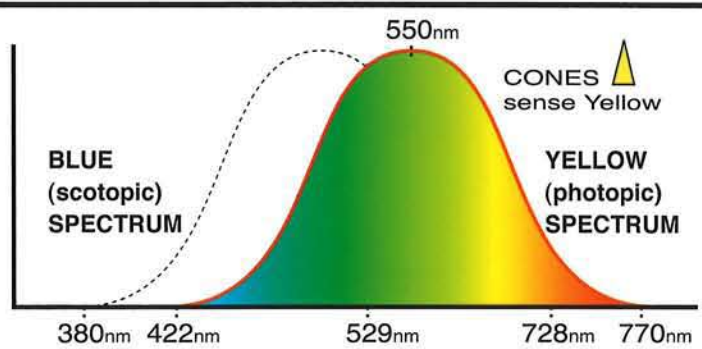


# LIGHT MEASUREMENT

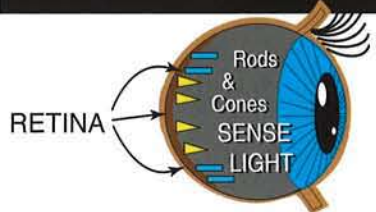
## LIGHT METER



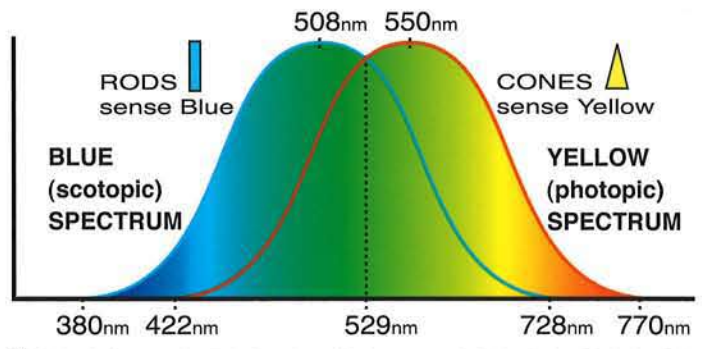
- Accurately measures light in the yellow part of the spectrum.
- Under measures light in the blue part of the spectrum.
- Measured in "Lumens".



## HUMAN EYE



- Cones in eye see same spectrum as light meter (yellow).
- Rods and cones in eye see blue part of the spectrum.
- "Seeable Lumens"™\* measures both blue and yellow spectrums.



\* Method of measuring light developed by Lawrence Berkeley Labs, Berkeley CA.

## SEEABLE LUMEN™ TABLES

	COLOR	COLOR TEMP	CRI	PHOTOPIC LUMENS ▲	SEEABLE LUMENS™ ■ ▲	MAGNETIC BALLAST <i>Seeable Lumens™ per Watt</i>	ELECTRONIC BALLAST <i>Seeable Lumens™ per Watt</i>
<b>T-12</b>	<b>T-12/EC</b>					<b>2 LAMP 74 WATT</b>	<b>2 LAMP 60 WATT</b>
	CW6741/EC (CW)	4150°K	67	2650	3579	97 LPW	119 LPW
	HG5430/EC (WW)	3000°K	54	2650	2652	72 LPW	88 LPW
	<b>T-12</b>					<b>2 LAMP 86 WATT</b>	<b>2 LAMP 72 WATT</b>
	FWX8651 (FWX)	5100°K	86	3700	6050	140 LPW	168 LPW
	FW8251 (FW)	5100°K	82	2400	4024	94 LPW	112 LPW
	VL9156 (SL)	5600°K	91	2200	3982	93 LPW	111 LPW
<b>T-8</b>	<b>T-8</b>					<b>2 LAMP 62 WATT (RS)</b>	<b>2 LAMP 58 WATT (IS)</b>
	FWX8550 (FWX)	5000°K	85	3050	4866	157 LPW	168 LPW
	CW7541 (CW)	4100°K	75	3050	4336	140 LPW	150 LPW
	SR7535 (SR)	3500°K	75	3050	3810	123 LPW	131 LPW
	HG7530 (SR)	3000°K	75	3050	3562	115 LPW	123 LPW