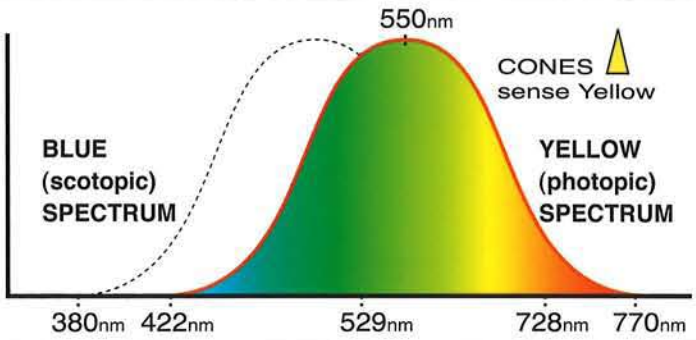
SUPERIOR LAMP .com

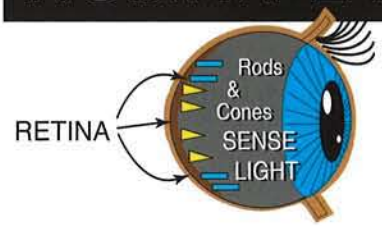
LIGHT MEASUREMENT

LIGHT METER

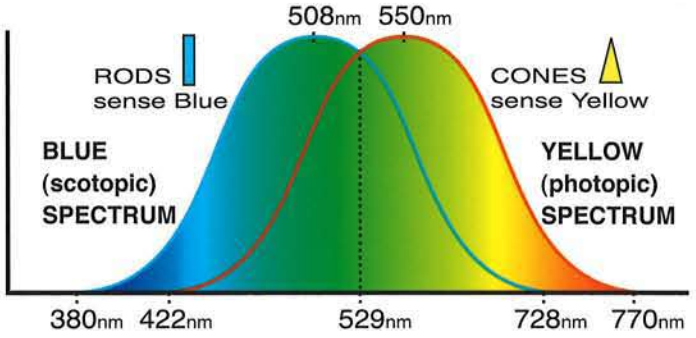
- Accurately measures light in the yellow part of the spectrum.
- Under measures light in the blue part of the spectrum.
- Measured in "Lumens".



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 *Seeable Lumens™ per Watt*	ELECTRONIC BALLAST *Seeable Lumens™ per Watt*
T-12	**T-12/EC**					**2 LAMP 74 WATT**	**2 LAMP 60 WATT**
	CW6741/EC (CW)	4150˚K	67	2650	3579	97 LPW	119 LPW
	HG5430/EC (WW)	3000˚K	54	2650	2652	72 LPW	88 LPW
	T-12					**2 LAMP 86 WATT**	**2 LAMP 72 WATT**
	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
T-8	**T-8**					**2 LAMP 62 WATT**(RS)	**2 LAMP 58 WATT**(IS)
	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