



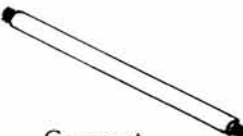



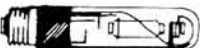





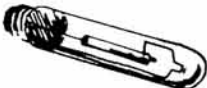




Table 8.2 General Lamp Types and Characteristics

Name	Colour appearance	Colour rendering <i>Ra-Sun=100</i>	Efficiency <i>Lumens/watt</i>	Rated life <i>Hours</i>
Tungsten bulb 	Off-white	100 Excellent	10-15 Low	1000 
Tungsten Halogen 	White	100 Excellent	20-25 Low	2000 
Tubular fluorescent 	White	50-90 Good	15-70 Medium	6000-10,000 
Compact fluorescent 	White	80 Good	25-80 Medium	10,000 
Metal Halide warm 	White	65-80 Good	50-95 High	6000-20,000 
Metal Halide cool 	White	65-90 Good	50-105 High	6000-20,000 
High Pressure Mercury 	White	40-50 Poor	25-55 Medium	12,000-24,000 
High Pressure Sodium 	Yellow	25-60 Poor	55-130 High	14,000-24,000 
Low Pressure Sodium 	Orange	N/a	70-180 High	16,000 