

Efficient Lighting Comparison Matrix

Type	Abbreviation	Example	Variety	sizes Watts	Efficiency lm / W	Life of Device hours	Limitation
Solid State Lighting	SSL	LED (Light emitting diode)	LED, high power LED,	2	25 - 45	25000 - 50000	cannot illuminate distant targets
		rechargeable torches	small scale	10	25 - 45	25001 - 50000	
		table lamps	medium scale	20	25 - 45	25002 - 50000	
		back lit signage	large scale	200	25 - 45	25003 - 50000	
Compact Fluorescent Lighting	CFL	energy saver lamps CFL lamps	colour, spiral, U type	5-85	45 - 80	6000 - 12000	cannot use in enclosed spaces
Cold Cathode Fluorescent Lighting	CCFL	commercial lighting	only large sizes		80 -90	18000 - 25000	not as efficient in small sizes