

CFL lamps

A compact fluorescent lamp (CFL), also known as a compact fluorescent light or energy saving light (or less commonly as a compact fluorescent tube), is a type of fluorescent lamp.

Many CFLs are designed to replace an incandescent lamp and can fit into most existing light fixtures formerly used for incandescents.

Compared to general service incandescent lamps giving the same amount of visible light, CFLs use less power and have a longer rated life.

CFLs radiate a different light spectrum from that of incandescent lamps. Improved phosphor formulations have improved the subjective colour of the light emitted by CFLs such that some sources rate the best 'soft white' CFLs as subjectively similar in colour to standard incandescent lamps



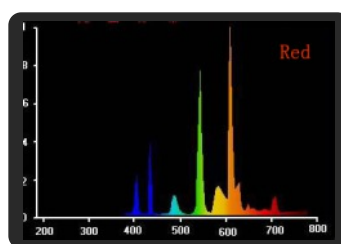
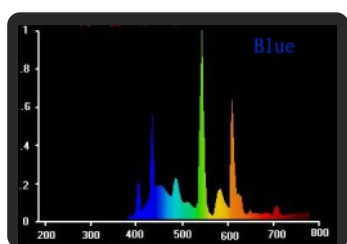
CFL Colour Temperature Options



The blue CFL lamps work well for both cloning and growing phase.



The red CFL lamps work well for the flowering phase.



CFL Lighting Options



If you're using metal halide lamps you're paying for more heat than light, and that heat is also costing you more to operate your air conditioning system. Metal halide lamps typically operate at 1385°F, with poor light-output efficiency. Compared to what compact fluorescents can provide, your metal halides are wasting electrical energy and converting it to heat instead of light. CFL lamps are vastly more efficient and operate at less than 100°F. CFL use in factories and warehouses is sweeping the country.

Compact Fluorescent Bulbs exhibit superior energy efficiency over incandescent bulbs while providing improved colour rendering and long operational life

Technical specification of HiPower CFL

| | |
|----------------|--|
| Model : 5U125W | |
| | |

| Item | Unit | Standard |
|---------------------------|------------------|-----------------------|
| Input voltage | V | 230V 50/60Hz |
| Rated Input Current | A | 0.39±5% |
| Rated Input power | W | 90±10% |
| Power Factor | % | >88 |
| Lamp Base | | E40 |
| Hg | mg | 4.5 |
| Total Harmonic Distortion | % | <50% |
| Luminous Flux | Lm | 5000 |
| Efficacy | Lm/W | 56> |
| Color temperature | K | 6400K±200K 2700K±150K |
| Ra | | >80 |
| Lamp Life | Hr | up to 10000 |
| product | Plastic Diameter | mm |
| | Max. Diameter | mm |
| | Overall length | mm |
| | N.W. | g |
| box | LxWxH | mm |
| | Qty | PCS |
| | G.W. | g |
| carton | LxWxH | mm |
| | Qty | PCS |
| | G.W. | Kg |
| | N.W. | Kg |



125w

Technical specification of HiPower CFL

| | |
|----------------|--|
| Model : 8U200W | |
| | |

| Item | Unit | Standard |
|---------------------------|------------------|-----------------------|
| Input voltage | V | 230V 50/60Hz |
| Rated Input Current | A | 0.74±5% |
| Rated Input power | W | 160±10% |
| Power Factor | % | >88 |
| Lamp Base | | E40 |
| Hg | mg | 4.5 |
| Total Harmonic Distortion | % | <50% |
| Luminous Flux | Lm | 9000 |
| Efficacy | Lm/W | 56> |
| Color temperature | K | 6400K±200K 2700K±150K |
| Ra | | >80 |
| Lamp Life | Hr | up to 10000 |
| product | Plastic Diameter | mm |
| | Max. Diameter | mm |
| | Overall length | mm |
| | N.W. | g |
| box | LxWxH | mm |
| | Qty | PCS |
| | G.W. | g |
| carton | LxWxH | mm |
| | Qty | PCS |
| | G.W. | Kg |
| | N.W. | Kg |



200w

Technical specification of HiPower CFL

| | |
|----------------|--|
| Model : 8U250W | |
| | |

| Item | Unit | Standard |
|---------------------------|------------------|-----------------------|
| Input voltage | V | 230V 50/60Hz |
| Rated Input Current | A | 0.95±5% |
| Rated Input power | W | 190±10% |
| Power Factor | % | >88 |
| Lamp Base | | E40 |
| Hg | mg | 4.5 |
| Total Harmonic Distortion | % | <50% |
| Luminous Flux | Lm | 12500 |
| Efficacy | Lm/W | 56> |
| Color temperature | K | 6400K±200K 2700K±150K |
| Ra | | >80 |
| Lamp Life | Hr | up to 10000 |
| product | Plastic Diameter | mm |
| | Max. Diameter | mm |
| | Overall length | mm |
| | N.W. | g |
| box | LxWxH | mm |
| | Qty | PCS |
| | G.W. | g |
| carton | LxWxH | mm |
| | Qty | PCS |
| | G.W. | Kg |
| | N.W. | Kg |



250w