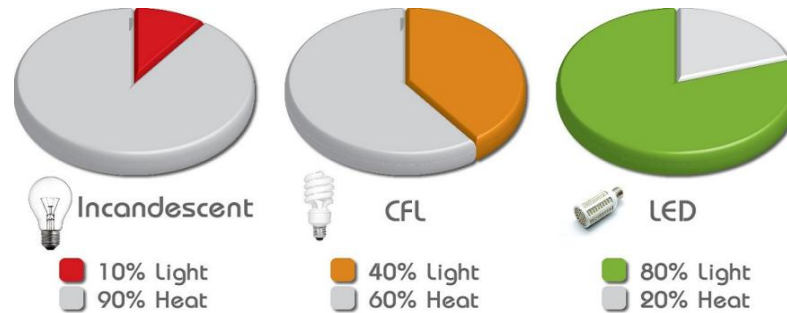


# LED LIGHTING

## Green, Sustainable Energy



## GENERAL LED BENEFITS

- Long life span (40 - 80k hrs)
- Energy efficient (> 40 lumens per watt)
- Low power consumption
- Low maintenance
- No UV emissions
- Unaffected by extreme cold / heat
- Fast response (no warm up time)

## LED WATTAGE / ENERGY GUIDE

POOR - AVERAGE - GOOD

Incandescent / Halogen	Compact Fluorescent (CFL)	Light Emitting Diodes (LED's)
15 - 25 lumens/w	40 - 70 lumens/w	60 - 140 Lumens/W
3 000 hrs lifespan	15 000 hrs lifespan	40 000 hrs lifespan
WATT COMPARISON / EQUIVALENCE		
40 - 60	12 - 15	5 - 8
60 - 75	15 - 18	7 - 10
75 - 100	18 - 23	10 - 15
100 - 150	23 - 35	15 - 20
150 - 200	30 - 45	20 - 25

\* All figures are averages and are a general guideline



## COST COMPARISON

### Energy Efficiency & Energy Costs

	LED	CFL	Incandescent
Average lifespan	15 - 25K Hrs	8K Hrs	1.2K Hrs
Watts used	3 - 10 Watts	9 - 24 Watts	40 - 100 Watts
Annual operating cost (5hrs /day)	R7.00 - R26.00	R23.00 - R61.00	R102.00 - R255.00
Annual operating cost (10hrs /day)	R15.00 - R51.00	R46.00 - R123.00	R204.00 - R511.00

\*costs/bulb & based on R1.40/KWh

- LED bulbs are around R100.00 and using the above averages, a bulb will last 10 years or cost you a total between R17.70 and R35.00 per year
- CFL price is around R20.00 and using the above averages, a bulb will last 4 years or cost you a total between R28.10 and R65.60 per year
- Incandescent is around R10.00 and using the above averages, a bulb will last 8 months or cost you a total between R102.80 and R256.30 per year



# RESIDENTIAL & BUSINESS RANGE

**Brite-LED**

# FLUORESCENT REPLACEMENT LED TUBE LIGHTS

T8 SMD LED TUBE  
COOL WHITE  
AVERAGE LIFE SPAN: 50 000 Hrs

SKU: 4FT 4 FOOT / 1.2 M  
18W / 1800 Lumens

SKU: 5FT 5 FOOT / 1.5 M  
20W / 2000 Lumens



	LED TUBE	OLD FLUORESCENT TUBE
POWER EQUIVALENT	18W	36W
Efficiency (Lumens / watt)	100 - 120	50 - 60
Lumens	1800 - 2200	1800 - 2200
Life span (average)	50 000 Hrs	2 000 - 3 500 Hrs

- LED TUBES WILL FIT INTO OLD FLUORESCENT HOUSING
- STARTER MUST BE REMOVED, BALLAST REMOVAL IS OPTIONAL

50 % ENERGY  
SAVING



# LED BULBS / GLOBES

AC80 - 260V



9W  
800 Lumens  
  
12W  
1100 Lumens  
SKU: B9 & B12



5W DOWNLIGHT  
450 Lumens  
  
SKU: T5D



5W DOWNLIGHT  
450 Lumens  
  
SKU: W5D



(NEW) 20W LED BULB  
1900 Lumens / 360° LIGHT  
150W HALOGEN REPLACEMENT  
  
\*AVAILABLE FROM 9W TO 24W  
SKU: C20W



5W SMALL SCREW  
450 LUMENS / 360° LIGHT  
  
SKU: S5WS

UP TO 90 %  
ENERGY SAVING



5W DOWNLIGHT  
COOL WHITE / 450 lumens  
LIFE: UP TO 20 000 HRS  
  
SKU: D5CF



12W DOWNLIGHT  
COOL WHITE / 800 lumens  
LIFE: UP TO 20 000 HRS  
  
SKU: D12CF

# NEW GENERATION SMD LED FLOOD LIGHTS



10W - 1200 Lumens  
SKU: SMD10



20W - 2400 Lumens  
SKU: SMD20



30W - 3600 Lumens  
SKU: SMD30



50W - 6000 Lumens  
SKU: SMD50

IP 66  
Life span: up to 50 000 Hrs  
120 Degree beam  
Cool white  
White casing and toughened glass

Brighter, slim-line and lower energy consumption



UP TO 80 %  
ENERGY SAVING





THANK YOU FOR YOUR TIME

PLEASE FEEL FREE TO CONTACT US SHOULD YOU HAVE ANY QUESTIONS OR SPECIAL REQUESTS. PRICES AVAILALBLE ON REQUEST.

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