| | PRODUCT CRITERIA | UNIT OF MEASURE | FIREFLY 12 MOBILE | D LIGHT S1 | D LIGHT S10 | SUN KING | SUN KING PRO | FOCE - DEUTRIX | PHILIPS UDAY MINI | TOUGH STUFF DESK LAMP | TRONY SUNDIAL TSL 01 | TRONY SUNDIAL TSL 02 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PICTURE | | | | | | | | | | | | |
| STANDARDS MET | Meets MINIMUM STANDARDS | | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| | Meets PERFORMANCE TARGETS | | Yes | | | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| WARRANTEE | Warrantee - lamp | Months | 6 | no info available on LA website | no info available on LA website | 12 | 12 | 12 | 12 | 12 | 24 | 24 |
| | Warrantee - battery | Months | | | | 12 | 12 | 12 | 12 | 12 | 24 | 24 |
| | Warrantee - panel | Months | 12 | | | 12 | 12 | 12 | 12 | 12 | 24 | 24 |
| LIGHT | Light hours - full brightness with full battery | Hrs | 4.4 | | | 4 | 6 | 5.9 | 6.6 | 5.1 | 6.9 | 6.9 |
| | Light hours - per solar day | Hrs | 4.4 | | | 4 | 6 | 5.1 | 4.1 | 5.1 | 4.1 | 6.9 |
| | Lamp Type | | LED | | | LED | LED | LED | CFL | LED | LED | LED |
| | Light brightness - at max output | Lumens | 25 | | | 32 | 110 | 20 | 120 | 16 | 87 | 87 |
| | Light brightness - at max output after 2000 hrs | Lumens | 25 | | | 30 | 110 | 20 | 110 | 16 | 79 | 79 |
| | Light Colour | | Cool | | | Daylight | Warm | Daylight | Daylight | Cool | Daylight | Daylight |
| CHARGING | Charging Method | | PV | | | PV + Mains | PV | PV + Mains | PV | PV | PV | PV |
| BATTERY | Battery Type | | Nicd Rechargeable | | | Li Ion Rechargeable | Li Fe Po4 Rechargeable | Ni-MH | Rechargeable sealed lead acid | Rechargeable NiMH | Li Fe Po4 Rechargeable | Li Fe Po4 Rechargeable |
| | Battery Voltage | DC | 3.6 | | | 3.7 | 6.6 | 3.6 | 6 | 1.2 | 6.4 | 6.4 |
| | Battery Capacity | mAh | 680mA | | | 780mA | 1450mA | 1800mA | 4400mA | 1700mA | 1600mA | 1550mA |
| | Battery Protection - HVD | | Active | | | Active | Active | Active | Active | Active | Active | Active |
| | Battery Protection - LVD | | Active | | | Active | Active | Active | Active | Active | Active | Active |
| | Easily Replaceable Battery | | No | | | No | No | Yes | Yes | Yes | No | No |
| EXTRAS | Can charge a mobile phone | | Yes | | | | Yes | | | | Yes | Yes |
| | Other 1 | | | | | | | | | | | |
| | Other 2 | | | | | | | | | | | |
| | Source - Lighting Africa Web site : www.lightingafrica.org | | | | | | | | | | | |