














	PRODUCT CRITERIA	UNIT OF MEASURE	SUNLITE G3	POWA PACK SW	POWA PACK JNR	BETTA LIGHT 1	BETTA LIGHT 2	LEMNIS	NOKERO	PHILIPS SOLAR HOME LIGHTIG SYSTEM	SCHNEIDER S	SCHNEIDER MAINS	SCHNEIDER HOME	TOUGH STUFF ROOM LAMP	SOLARLINE 100
PICTURE															
STANDARDS MET	Meets MINIMUM STANDARDS		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Meets PERFORMANCE TARGETS		Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes
WARRANTEE	Warranty - lamp	Months	12	6	12	15	15	12	12	12	12	12	12	12	24
	Warranty - battery	Months	6	6	12	15	15	6	12	12	12	12	12	12	24
	Warranty - panel	Months	12	12	12	15	15	12	12	12	120	120	120	12	24
LIGHT	Light hours - full brightness with full battery	Hrs	10	19 with 4 lamps OR 77 with 1 lamp	9.4 with 2 lamps OR 19 with 1 lamp	22	10	9.1	5.7	5.3 with 2 lamps OR 11 with 1 lamp	23	9.6	9.6	6	13
	Light hours - per solar day	Hrs	6.3	6.7 with 4 lamps OR 27 with 1 lamp	6.2 with 2 lamps OR 12 with 1 lamp	12	10	3.6	2	2.9 with 2 lamps OR 5.7 with 1 lamp	12	9.6	9.6	6	5.4
	Lamp Type		LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
	Light brightness - at max output	Lumens	85	48 per bulb	25 per bulb	110	100 per bulb	33	14	38 per bulb	190	410	410	41	100
	Light brightness - at max output after 2000 hrs	Lumens	78	40 per bulb	26 per bulb	102	93 per bulb	24	11	38 per bulb	190	394	394	43	110
	Light Colour		Warm	Cool	Daylight	Daylight	Daylight	Daylight	Daylight	Daylight	Cool	Cool	Cool	Cool	Daylight / cool
CHARGING	Charging Method		PV	PV	PV	PV	PV	PV	PV	PV	PV	PV + Mains	PV	PV	PV
BATTERY	Battery Type		Li Ion Rechargeable	Rechargeable sealed lead acid	Nicd Rechargeable	Rechargeable sealed lead acid	Rechargeable sealed lead acid	Prismatic sealed lead acid	Rechargeable NIMH	Sealed Lead acid	Sealed Lead acid	Sealed Lead acid	Sealed Lead acid	Rechargeable NIMH	Li Ion Rechargeable
	Battery Voltage	DC	3.7	12	3.6	6	6	6	1.2	4	12	12	12	2.4	3.6
	Battery Capacity	mAh	3000mA	4200mA	3000mA	4000mA	4000mA	1300mA	800mA	4000mA	5000mA	5000mA	5000mA	1500mA	5800mA
	Battery Protection - HVD		No	No	Passive	Active	Active	Active	Passive		Active	Active	Active	Active	
	Battery Protection - LVD		Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active
	Easily Replaceable Battery		Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
EXTRAS	Can charge a mobile phone		Yes	Yes	Yes	Yes	Yes	Yes		Yes					
	Other 1		Expandable to 2 bulbs	Power a radio											
	Other 2		Connect bulb to power pack for portability												
Source - Lighting Africa Web site : <a href="http://www.lightingafrica.org">www.lightingafrica.org</a>															