



Enlight is the solar brand of NRS Relief.

Specification sheet

Enlight ESSENTIAL

Product key features

Multipurpose lamp that features a torch and desk/ambience light and a USB phone charging option.

-  0.8Wp integrated solar panel (external panel connection option available)
-  Designed for handheld operations, in ready-to-deploy environments
-  Can be worn around the neck, or secured on wrist with included lanyard
-  Easy fixation options: Suspend from ceiling, or hang from wall
-  Phone charging capacity through multi USB charging cable*
-  Reliable lighting source, torch runs for 5 hours (30 lumens), and room light lasts up to 30 hours (10 lumens at low setting)
-  Offers 3 lighting settings: Torch, high and low

-  Has power-saving feature that ensures 3 extra hours of light
-  1,400 mAh LifePO4 battery that ensures long lasting cycles. Expected life span is 3 years or >1,500 cycles
-  User-friendly 3 LED indicator shows both battery status and charging status
-  Colors and logos can be customized according to client/cultural preferences
-  Compact size and weight ensures affordable transportation
-  2-year warranty

*Lighting runtime refers to lamp only, it may vary when charging a phone at same time.

Lighting mode		Full charge	1 day charge (5 hrs STC)
Torch		30 lumen x 5 hours	30 lumen x 5 hours
Room light	Low level	10 lumen x 30 hours	10 lumen x 30 hours
	High level	60 lumen x 5 hours	60 lumen x 5 hours
Emergency mode	Activated at end of high room light runtime	10 lumens x 3 hours	

* Phone charging will lower lighting run time.

Quality	
Durability	IP54: Protected against dust and water splashes
Quality standard	EMC certification
Warranty	2 year against manufacturing defects or workmanship
Product colour	Customisable according to client requirements
Battery life span	3 years or >1500 cycles
LED color temperature	82 CRI/5000K
Operating temperature	-10°C to +50°C
Robustness	1 meter drop test passed

Charging	
Enlight essential charging	0.8Wp integrated Mono-Si solar panel
Smartphone charging	USB port that supplies 5V/500mA with cable included
Battery	3.2 V/1400 mAh LifePO4 18650 cell

Packing & shipping	
Weights (Metric)	
Number of units in master carton	45
Total master carton weight (kg)	8.75 kg approx
Dimensions (metric)	
Dimension of master carton	56 x 32 x 22 cm
Volume	0.039 cbm approx
Pallet	
Number of master cartons	20
Number of units	900
Weight per pallet	189 kg approx
Dimension	112 x 78 x 112 cm
Volume per pallet	0.978 cbm approx

Estimated loadability ¹		
Loadability-Sea freight	Container size	Quantity
Palletized	20' DC	25,200 units
	40' DC	54,000 units
	40' HC	54,000 units
Non palletized	20' DC	31,000 units
	40' DC	63,000 units
	40' HC	76,000 units