

It's always.. **GREENER** on our side



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ELSEWEDY  
S O L A R

Subsidiary of ELSEWEDY ELECTRIC

Solar Street Lighting Solutions...

## RISING TO THE CHALLENGE: PROVIDING CLEAN ENERGY SOLUTIONS TO MEET INCREASING ENERGY DEMAND

### One technology – MANY APPLICATIONS

Our solar technology utilizes the energy of the sun to generate clean, carbon free electricity and thermal energy. The most commonly used form of solar technology is photovoltaic (PV) solar, which is scalable in size and is adaptable to be used in different applications and situations. Depending on the location, use and size of your energy requirements, our well trained technical team will advise you which system and technology is best suited for your requirements.

### Why solar?

- Quiet and reliable
- Low maintenance
- Can be architecturally integrated or retrofitted into buildings
- Zero carbon emissions
- Scalable
- Provides energy during peak hours
- Excellent in remote locations
- Durable with a 25 year+ lifespan



### Reliable and cost effective solar street lighting solutions

ELSEWEDY SOLAR operates in a diversified Line of Business and product range. We contribute our organization, market, industrial and manufacturing experience to a profound client

and environmental offering. Our Line of Business within the solar industry varies from garden lighting to 100's of MW solar plants (CSP and PV).

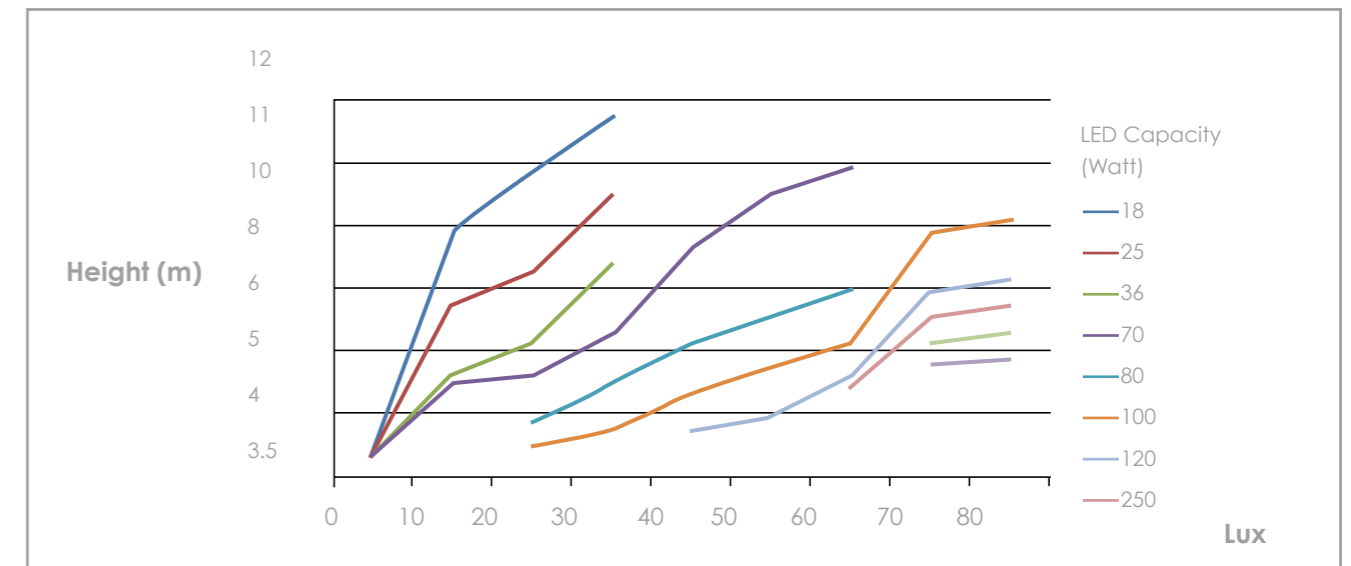
### Reliable services, highly qualified staff and premium technology delivered on time and within your budget

ELSEWEDY SOLAR provides turnkey solar power solutions for utility, commercial and remote solar applications. Our scope of work includes

- Design
- Installation
- Project management
- Financing
- Operations
- Maintenance
- Turnkey solar solutions

### Utility scale solar street lighting

- Go Green with our environment friendly Solar Street Lights with zero carbon emission.
- Almost no running cost and hence negligible O&M cost.
- Solar street lights can be easily erected in almost any location.
- Power outages and surges have no impact on our independent solar lighting.
- Disruption minimized from the reduced wiring.
- ELSEWEDY SOLAR offers a wide variety of solar lighting configuration and styles to meet your exact specific requests and needs.



Height (m)	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	10	10.5	11	11.5	12
Ground Level	121	130	139	148	157	166	173	181.3	189.4	197.5	206	213.7	221.8	229.9	238	252.4	246.4	253.3
Width (m)																		
LED (Watt)				18					36				45			60		
PV Module (Watt)				75					130				210			260		
Battery (Ah)				80					110				150			180		

- The above mentioned LED capacities don't conclude all of our product range, but some have been enlisted for a relevant briefing.
- Much more pole heights are available such as the 15 meter pole used for stadium lighting.
- Some of the designs above are proven only with ELSEWEDY's products and a variance in performance might be concluded if applied with alternative products or settings.
- Standards
- All poles are available in steel and fiber glass.
- All poles have all types of forming arms, such as mono, double cross and quadruple.