

NexusLED®
Simple is Better



OUTDOOR LIGHTING
Solar LED Floodlight

Sonar LED Floodlight

Solar Energy System provides the whole range of applications for floodlight, bulb, linear light or others suitable with DC input supply.



Application areas

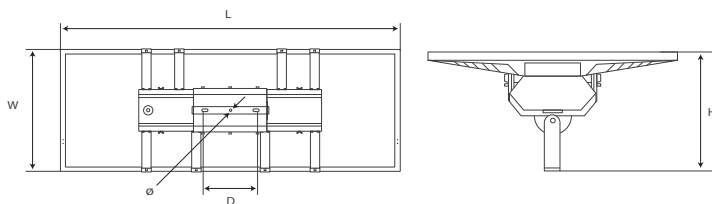
- Sign board lights
- Area Lightings
- Compound Lightings
- Tunnel Lightings

Product Specifications

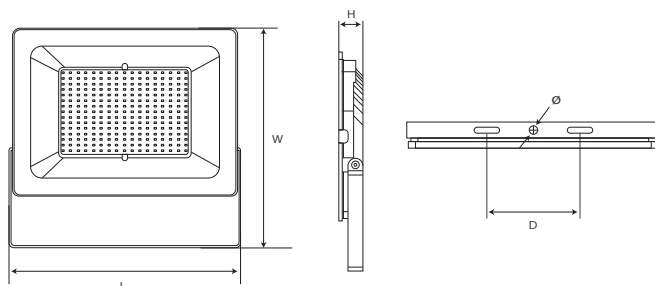
Battery Type: LiFePo4	Charge/Discharge Temperature: 0° ~ 60°C/-20° ~ 60°C
Depth Of Discharge DOD: < 80%	Storage Temperature: -20°C ~ +45°C
Luminaire Efficacy Rating: >150lm/W	Working Mode: 12hrs (4hrs - 100%, 2hrs - 60%, 6hrs - 40%)
Color Temperature: 3000K - 6500K	Charging Time: 4 ~ 4.5hrs direct sunlight
Color Rendering Index (CRI): >70	Autonomy Day: 2 consecutive rainy days
Beam Angle: 120°	IP Rating: IP66

Model	30W-40W	50W-60W	70W-90W	100W-120W	130W-150W
Battery	12.8V, 66AH	12.8V, 90AH	25.6V, 66AH	25.6V, 90AH	25.6V, 114AH
Mono PV Module Power	18V, 120W	18V, 150W	36V, 200W	31V, 250W	37V, 300W
Luminaire Efficacy Rating (LER)	>4,500 lm	>7,500 lm	>10,500 lm	>15,000 lm	>19,500 lm
Recommended Pole Height	4m ~ 6m	5m ~ 8m	6m ~ 9m	7m ~ 10m	8m ~ 12m
Recommended Pole Distance	15m ~ 20m	18m ~ 23m	20m ~ 25m	23m ~ 28m	25m ~ 30m
Weight	30kg	38kg	46kg	50kg	60kg

Dimension



Size	30-40W	50-60W	70-90W	100-120W	130-150W
L	1010mm	1190mm	1500mm	1870mm	2194mm
W	670mm				
H	400mm				
Ø	12mm				
D	160mm	300mm			



Size	30-40W	50-60W	70-90W	100-120W	130-150W
L	205mm	300mm	360mm		
W	193mm	258mm	332mm		
H	28mm	41mm	42mm		
Ø	8mm				13mm
D	104mm	144mm	150mm		