NIKKON®

5005 GARDEN LIGHT



SOLAR SERIES



AC SERIES

LUMINAIRE SPECIFICATIONS

- **Power** — 25W (Solar Series)
30W (Solar Series)
100W (AC Series)
- **Lumen** — 25W - 5000lm
30W - 6000lm
100W - 17000lm
- **Fitting Material** — Die-Cast Aluminium
- **Fitting Color** — Black
- **Ingress Protection** — IP66
- **Impact Protection** — IK08
- **Voltage** — 12.8V (Solar Series)
220~240 Vac 50/60 Hz (AC Series)
- **Operating Temperature** — -20 ~ +50ºC (Solar Series)
-40 ~ +45°C (AC Series)
- **Beam Angle** — Type I, II, III
- **Installation** — Ø60 mm Pole, Post Top with -20° to 20° Universal Adjustable

APPLICATION

- Pathways, Parks, Foot Paths, Residential Areas, Road Lighting, Car Parks & Access Ways

LED MODULE SPECIFICATIONS

- **LED Chips** — 2835
- **Color Temperature** — 3000K ~ 6500K
(Other CCT Upon Request)
- **Color Rendering Index** — RA >70

SOLAR SYSTEM SPECIFICATIONS

- **Solar Panel Type** — Monocrystalline Silicon
- **Solar Panel Capacity** — 18V 40W
- **Backup Time** — 1 - 2 Day Autonomy
- **Charge Controller** — MPPT Charging
- **Battery** — Lithium-Iron Phosphate
12.8V 17Ah (217.6Wh)
Lithium-Iron Phosphate
12.8V 20.4Ah (261.12Wh)

TIME PROFILE			
WATTAGE	TIME DURATION OF 12 HRS	MOTION DETECTION	
		YES	NO
25W & 30W	2hrs 2hrs 6hrs 2hrs	100% 50% 20% 50%	50% 30% 10% 30%

Note: Solar LED performance and autonomy depend on installation site and sunlight. Insufficient sunlight may reduce charging efficiency and operating time

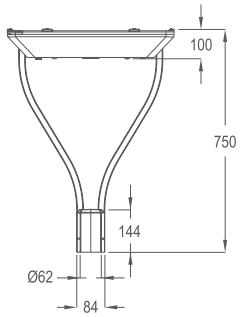
MEASUREMENT & ORDER CODE

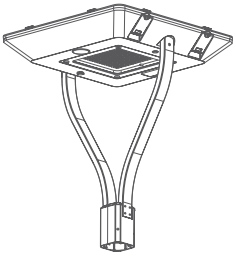
LUMEN	ORDER CODE	WATTAGE	SOLAR PANEL CAPACITY	LITHIUM-ION	NETT WEIGHT
5000	500525	25W	18V 40W	12.8V 17Ah	13.085 kg
6000	500530	30W	18V 40W	12.8V 20.4Ah	13.085 kg
17000	5005100	100W	-	-	13.085 kg

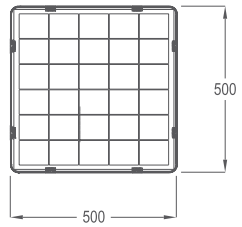


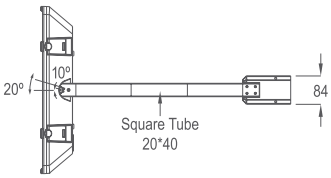
DIMENSION

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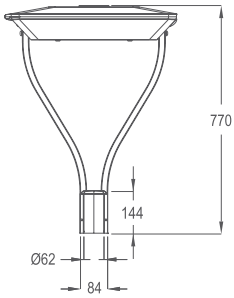


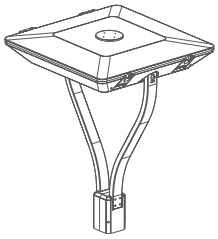


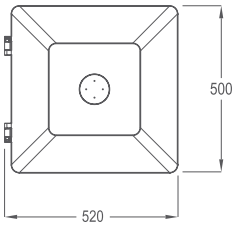


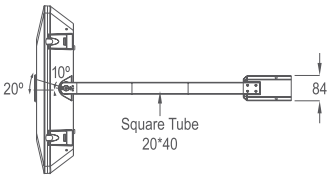


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(AC SERIES)



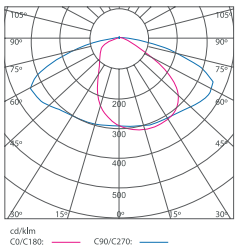






PHOTOMETRIC

5005 GARDEN LIGHT



Note: All specifications are subject to change without prior notice for product improvement. Images are for illustrative purposes only.