NIKKON®

Intelligent Light Control System

RA365 GEN 3 INTEGRATED SOLAR



- **Solar Panel Type** — Mono Crystalline
- **Solar Panel Capacity** — 1 x 34V 145W
1 x 41V 230W
1 x 33.75V 280W
- **Backup Time** — 2 Days (Pre Set Time Profile)
- **Charge Controller** — MPPT Charging
Overheat Protection
Output Short Circut Protection
- **Battery** — Lithium-Iron Phosphate 25.6V 45Ah
Lithium-Iron Phosphate 25.6V 60Ah
Lithium-Iron Phosphate 25.6V 90Ah
Lithium-Iron Phosphate 25.6V 120Ah

LUMINAIRE SPECIFICATIONS

- **Power** — 60W
80W
100W
120W
150W
- **Fitting Material** — Die-Cast Aluminium
- **Fitting Color** — RAL 9006
- **Ingress Protection** — IP66
- **Impact Protection** — IK08
- **Voltage** — 24Vdc
- **Operating Temperature** — -20 ~ +50ºC
- **Beam Angle** — Type II
- **Installation** — Ø60 mm Pole
Post Top, 0º - 20º Tilting

LED MODULE SPECIFICATIONS

- **LED Chips** — 5050
- **Color Temperature** — 3000K (Other CCT Upon Request)
- **Color Rendering Index** — RA >70
- **L70** — 50,000 Hrs

Time Profile		
Wattage	**Time Duration of 12 Hrs**	**Dimming Profile**
60W, 80W, 100W, 120W & 150W	4hrs	100%
	2hrs	60%
	6hrs	40%

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

FEATURES

- Stable photo-electric conversion efficiency
- Advanced diffuse technology
- Longer lifespan, more than 2000 cycles (battery)
- Micro current charging function
- Membrane for pressure stabilize
- Adjustable angle of solar panel
- Easy maintenance
- Operate with an On / Off switch



APPLICATION

- Residential Areas, Parking Lots, Parks, Security Needs, Aquacultures & Agricultures Lightings

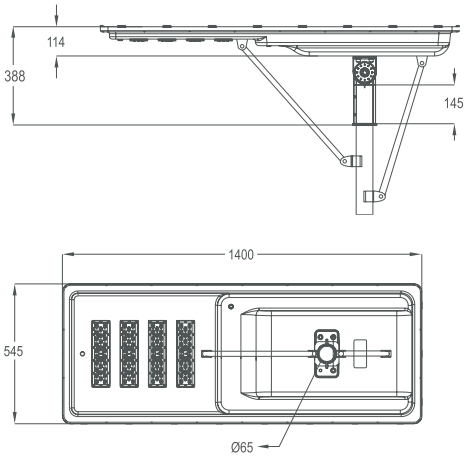
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	LUMEN	EFFICACY	SOLAR PANEL CAPACITY	LITHIUM-ION	NO. OF MODULES	NETT WEIGHT	GROSS WEIGHT
60W	RA36560	11400	190 lm/w	1 X 34V 145W	25.6V 45Ah	4	32 kg	36 kg
80W	RA36580	15200	190 lm/w	1 X 34V 145W	25.6V 60Ah	4	36.5 kg	41 kg
100W	RA365100	19000	190 lm/w	1 X 41V 230W	25.6V 90Ah	4	50.5 kg	58 kg
120W	RA365120	22800	190 lm/w	1 X 41V 230W	25.6V 90Ah	4	50.5 kg	58 kg
150W	RA365150	28500	190 lm/w	1 X 33.75V 280W	25.6V 120Ah	4	60.5 kg	68 kg

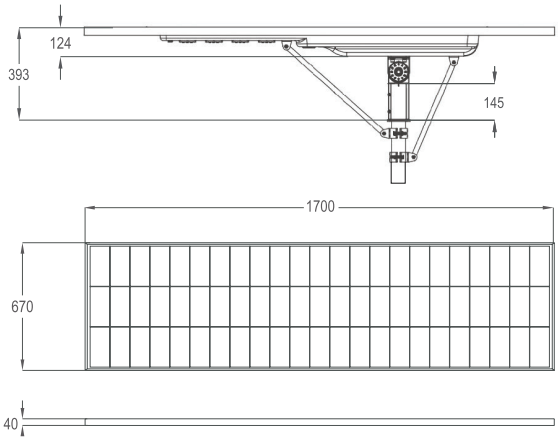


DIMENSION

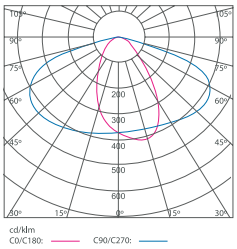
RA36560 / RA36580



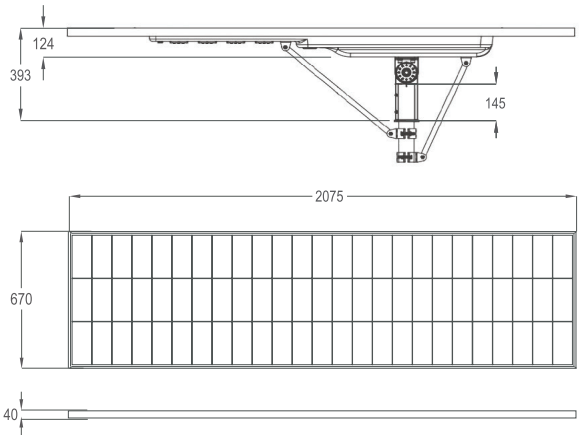
RA365100/RA365120



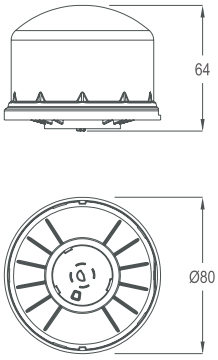
PHOTOMETRIC



RA365150



LCU ZHAGA WiSZ SOLAR Z10

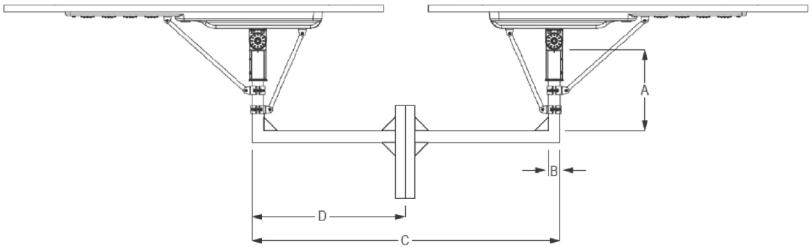


Note 1: All specifications are subject to change without prior notice for product improvement. Images are for illustrative purposes only.
Note 2: The above RA365 GEN 3 Integrated Solar specification fulfill JKR L-S20 requirement.

NIKKON®

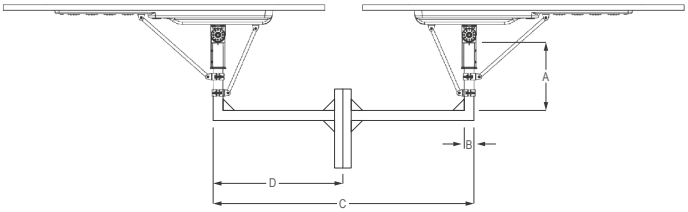
RA365 GEN 3 INTEGRATED SOLAR

ILCS® Intelligent Light Control System



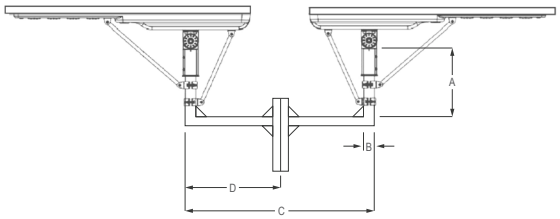
RA365 GEN 3 150W

TILTING ANGLE (°)	A (mm)	B (mm)	C (mm)	D (mm)
0	520	Ø60	1770	885
10	520	Ø60	1770	885
20	520	Ø60	1770	885



RA365 GEN 3 100W / 120W

TILTING ANGLE (°)	A (mm)	B (mm)	C (mm)	D (mm)
0	520	Ø60	1420	710
10	520	Ø60	1420	710
20	520	Ø60	1420	710



RA365 GEN 3 60W / 80W

TILTING ANGLE (°)	A (mm)	B (mm)	C (mm)	D (mm)
0	520	Ø60	900	450
10	520	Ø60	900	450
20	520	Ø60	900	450

Note 1: All specifications are subject to change without prior notice for product improvement. Images are for illustrative purposes only.
Note 2: The above RA365 GEN 3 Integrated Solar specification fulfill JKR L-S20 requirement.