

NATURE SOURCE



Contemporary eco-conscious family of luminaires. Featuring sleek modern housing, integrated motion and sunlight sensors, solar charging, and programmable dimming.



Luminaire Structure

- Die-cast aluminium end-caps
- Extruded aluminium housing and frame
- Pre-treated before powder coating ensuring high corrosion resistance
- Thermal heat dissipation body
- Stainless steel fasteners in grade 304 with zinc flake coating (ZFC)
- Durable silicone rubber gasket
- Clear glass diffuser
- Solar module consist of monocrystalline high efficiency cells 5x15W
- Lithium Iron Phosphate (LiFePO4) battery 2x16.5Ah 12 VDC
- Solar charger controller system 12V 10A
- Luminaires operation time depends on the weather conditions

- Full automatic electronic protection function against short circuit, overcurrent, overload, overvoltage and high temperature
- Standard: Off-grid, 100% solar, not connected to the utility grid. Utility grid connection is available upon request
- Without any sun (Autonomy), the battery would last for a maximum of 2.5 days
- Motion sensor integrated
- Different dimming options are available
- STD: 2 Step dimming with motion sensor override (3 hours: 60% without movement, 100% for 1 minute when the motion sensor activated. After 3 hours: 30% without movement, 60% for 1 minute when the motion sensor activated)
- ND: Dusk to Dawn, CT: Custom examples are 5 Step dimming, Custom hours, Custom dimming levels (Step length and minimum dim level is 10%)

- Maximum 35 hours of operation time (2 Step dimming with motion sensor override)
- Remote solar charge controller can be ordered as an accessory
- Autonomy and Operation time calculations are done with the following information: Peak Sun-Hour (PSH) is 3 hours. Hours of operation are 12 hours per day. Detection of movement is 5 times per hour.
- Autonomy and Operation time calculations are only indicative and will depend on several variable factors. Please contact the factory to determine the specific calculations for your project.

Feature



Optic



W VW T2 T3

Product colour

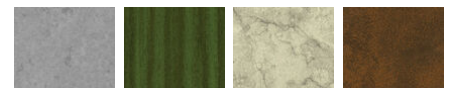


01 - Black (RAL 9011) 02 - Dark Grey (RAL 7043) 03 - White (RAL 9003) 05 - Matt Silver (RAL 9006)

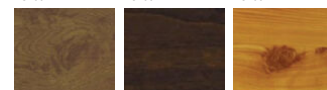


06 - Bronze (RAL 6014)

Special finishes upon request



SU01 - Concrete - Urban SU02 - Softscape - Urban SU03 - Stone - Urban SU04 - Corten - Urban



SW01 - Oak - Woodland SW02 - Walnut - Woodland SW03 - Pine - Woodland

We reserve the right to make technical and design changes.

01:13, 23-04-2024

<https://www.ligman.com/nature-source-solar-integrated-post-to-p-luminaire-na-po3/>

THAILAND


LIGMAN Lighting Co.,Ltd.
17/2 Moo 4, Monthong, Bang Nam Prio,
24150 Chachoengsao - Thailand
info@ligman.com

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Technical information

	Model number	Light source	Power	Lumen	Optic	CCT / CRI	Dimming type	Weight
12.5 hours of operation time (2 Step dimming with motion sensor override) – 1.5 days of autonomy								
NATURE SOURCE 1	NAT-20003	28 LED	30 W	3716 - 3977 lm	W [86°], VW [114°], T2 [28°x148°], T3 [37°x151°]	3000K CRI80, 4000K CRI80	Dusk to Dawn, 2 Step dimming with motion sensor override, Solar Custom	25.5 kg
17 hours of operation time (2 Step dimming with motion sensor override) – 2.5 days of autonomy								
NATURE SOURCE 1	NAT-20002	28 LED	20 W	2528 - 2706 lm	W [86°], VW [114°], T2 [28°x148°], T3 [37°x151°]	3000K CRI80, 4000K CRI80	Dusk to Dawn, 2 Step dimming with motion sensor override, Solar Custom	25.5 kg
35 hours of operation time (2 Step dimming with motion sensor override) – 5 days of autonomy								
NATURE SOURCE 1	NAT-20001	28 LED	10 W	1273 - 1363 lm	W [86°], VW [114°], T2 [28°x148°], T3 [37°x151°]	3000K CRI80, 4000K CRI80	Dusk to Dawn, 2 Step dimming with motion sensor override, Solar Custom	25.5 kg
8 hours of operation time (2 Step dimming with motion sensor override) – 1 days of autonomy								
NATURE SOURCE 1	NAT-20004	28 LED	40 W	4568 - 4889 lm	W [86°], VW [114°], T2 [28°x148°], T3 [37°x151°]	3000K CRI80, 4000K CRI80	Dusk to Dawn, 2 Step dimming with motion sensor override, Solar Custom	25.5 kg

Accessories

	 Remote solar charge controller for Solar Integrated Post Top luminaire A92291	2 m - Cylindrical, straight galvanised steel pole for NATURE SOURCE SPD120140-NAT	3 m - Cylindrical, straight galvanised steel pole for NATURE SOURCE SPD130140-NAT	4 m - Cylindrical, straight galvanised steel pole for NATURE SOURCE SPD140140-NAT	5 m - Cylindrical, straight galvanised steel pole for NATURE SOURCE SPD150140-NAT	6 m - Cylindrical, straight galvanised steel pole for NATURE SOURCE SPD160140-NAT
NAT-20001	•	•	•	•	•	•
NAT-20002	•	•	•	•	•	•
NAT-20003	•	•	•	•	•	•
NAT-20004	•	•	•	•	•	•

NATURE SOURCE

NAT-20001 , NAT-20002 , NAT-20003 , NAT-20004

