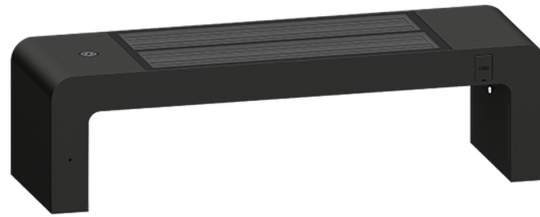


DURHAM



Multifunctional solar-powered urban lighting furniture. Bench integrated photovoltaic panels generate power for the under-bench RGB lighting, as well as USB and wireless charging points.



Luminaire Structure

- Formed sheet galvanized steel housing
- Pre-treated before powder coating ensuring high corrosion resistance
- Stainless steel fasteners in grade 304 with zinc flake coating (ZFC)
- Durable silicone rubber gasket
- Solar module consists of monocrystalline high-efficiency cells 4x15W
- Lithium Iron Phosphate (LiFePO4) battery 2x16.5Ah 12 VDC
- Solar charger controller system 12/24V 20A
- Light source linear RGB 2 sides 6W
- 1 USB Port series 3 for charging 10.5W (5V, 2.1A)

- 1 Wireless charging station 10W (9V 1.1A)
- Clear toughened glass cover for solar panel IK10
- Clear toughened glass cover for wireless charging IK04
- 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 17 hours

- ND: Dusk to Dawn
- Light intensity sensor integrated
- 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. Charging time (Wireless and USB) is 3 hours per day
- 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.
- Maximum load of 200 kg

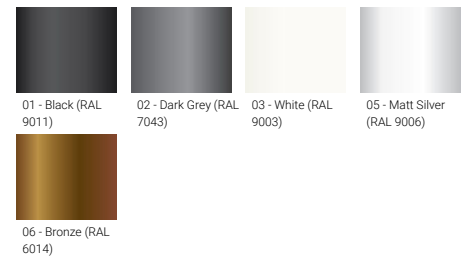
Feature



Optic



Product colour



We reserve the right to make technical and design changes.

01:11, 15-05-2024

<https://www.ligman.com/durham-solar-integrated-urban-lighting-furniture-dur-bo3/>

THAILAND

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Technical information

Model number	Light source	Power	Lumen	Optic	CCT / CRI	Dimming type	Weight	
12 hours of operation time (Dusk to Dawn) – 1 day of autonomy								
DURHAM	DUH-10001	2 x 12 LED	2 W	34 lm	G [127°x 123°]	RGB	Bluetooth, Dusk to Dawn	143 kg



DUH-10001

