LIGMAN

DURHAM (DUH-10001)

CE | ◇ | IP65 | IK10

Product description

12 hours of operation time (Dusk to Dawn) – 17 hours of autonomy

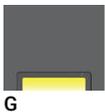**SOLAR POWERED**   **URBAN LIGHTING FURNITURE**
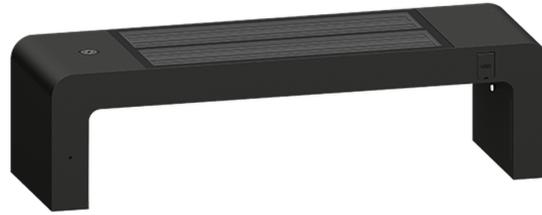
Luminaire Structure

- 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
- Integral control gear
- Solar module consists of monocrystalline high-efficiency cells 4x15W
- Lithium Iron Phosphate (LiFePO4) battery 2x18Ah 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

Optic

G

Product colour

01 - Black (RAL 9011)	02 - Dark Grey (RAL 7043)	03 - White (RAL 9003)	05 - Matt Silver (RAL 9006)
06 - Bronze (RAL 6014)			

08:14, 26-02-2026

https://www.ligman.com/durham-duh-10001/

GLP Good Labour Practices

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Technical information

Light source	2 x 12 LED	**Input voltage**	SOLAR	**ULOR**	3%
Power	2 W	**Optic**	G	**CIE flux code nº3**	93
Lumen	34 lm	**Optic value**	127°x 123°	**Dimming type**	Dusk to Dawn and Bluetooth
Efficacy	17 lm/W	**CCT / CRI**	RGB		
Driver option	Integral control gear	**Bug**	B0-U0-G0	**Product colours**	Black, Dark Grey, White, Matt Silver, Bronze
Driver	Constant voltage (CV)	**ULR**	3%	**Weight**	143.0 kg
				Operating temperature	-20 °C to 40 °C

DUH-10001

USB charging

Photoelectric sensor

480

1750

Wireless charging

540

1620

Ø22

348

Light source   Service cover

GLP
Good
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Practices