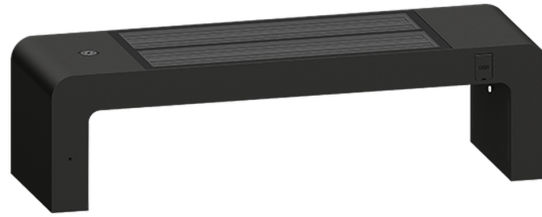


DURHAM (DUH-10001)



Product description

12 hours of operation time (Dusk to Dawn) – 1 day of autonomy



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 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

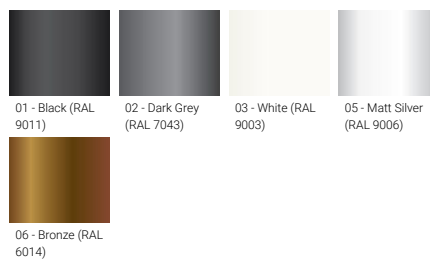
- Without any sun (Autonomy), the battery would last for a maximum of 17 hours
- ND: Dusk to Dawn
- Light intensity sensor integrated
- Autonomy and Operation time calculations are done with the following information: Peak Sun-Hour (PSH) is 3 hours. Hours of operation are 12 hours per day. Charging time (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

Optic



G

Product colour



DURHAM (DUH-10001)

Technical information

Light source	2 x 12 LED
Power	2 W
Lumen	34 lm
Efficacy	17 lm/W
Driver option	Integral control gear
Driver	Constant voltage (CV)

Input voltage	SOLAR
Optic	G
Optic value	127°x 123°
CCT / CRI	RGB
Bug	B0-U0-G0
ULR	3%

ULOR	3%
CIE flux code n°3	93
Dimming type	Bluetooth, Dusk to Dawn
Product colours	Black, Dark Grey, White, Matt Silver, Bronze
Weight	143 kg
Operating temperature	-20 °C to 40 °C

DUH-10001

